CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
50-00-0	Formaldehyde	Cancer, Respiratory system, Eye irritant		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRV; Minnesota RAA	Wood and textiles finishes, disinfection, tissue preservative	х
50-00-0	Formaldehyde (in water)	Gastrointestinal system		Minnesota HRL	Contaminant	
50-29-3	DDT, technical, p,p'DDT	Endocrine system		EU Category 1 Endocrine disruptor	pesticide	
50-32-8	Benzo(a)pyrene	Cancer, Endocrine system	x	Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; EPA Priority PBT); Oregon P3 List; WA Appen1; Minnesota HRV	PAH (chem-class)	
51-28-5	2,4-Dinitrophenol	Eyes		WA Appen1; Minnesota HRL	Dyes and diaminophenol mfg, wood preservation, pesticide, pharmaceutical	
51-79-6	Urethane (Ethyl carbamate)	Cancer, Development		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1		
53-70-3	Dibenzo(a,h)anthracene	Cancer	х	Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC; EPA Final PBT Rule for TRI; WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Research; PAH (chem-class)	
53-96-3	2-Acetylaminofluorene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Research	
55-18-5	N-Nitrosodiethylamine	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1	Lubricant, antioxidant, plastics stabilizer	
56-23-5	Carbon tetrachloride	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRL	Pesticide (EPA reg. cancelled), fire reduction, solvent, fumigant, dry cleaning	x



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
56-35-9	Bis(tributyltin)oxide (TBTO)	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; EU PBT List; OSPAR Chemicals of Concern; ECHA Substances of Very High Concern; Canada PBiT); WA Appen1; Oregon P3 List	Antimicrobials, slimasides	
56-49-5	3-Methylcholanthrene	Cancer, Endocrine system	х	Maine (CA Prop 65; EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; WA PBT List; OSPAR Chemicals of Concern); WA Appen1	Research	
56-55-3	Benzo(a)anthracene	Cancer	x	Maine (CA Prop 65; IRIS; NTP 11th ROC; EPA Final PBT Rule for TRI; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Research; PAH (chem-class)	
56-93-9	Trimethylbenzylammonium chloride	Systemic Toxicity		NTP	Solvent, dye assistant, phase transfer catalyst	х
56-95-1	2,4,11,13- Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12- diimino-, diacetate		х	Maine (Canada PBiT); WA Appen1	Biocide	
57-12-5	Cyanide, free	Nervous system, Thyroid, Weight Loss			Electroplating, chemicals mfg, naturally occurring in some foods	
57-14-7	1,1-Dimethylhydrazine (UDMH)	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
57-24-9	Strychnine	Nervous system		HSDB; IRIS; WA Appen1	Pesticide, pharmaceutical	
57-74-9	Chlordane	Cancer, Endocrine system	х	Maine (CA Prop 65; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; TRI PBT Chemical List; EPA Priority PBT; WA PBT List); WA Appen1	Pesticide (EPA reg. cancelled)	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
58-89-9	Hexachlorocyclohexane, gamma-, (Lindane)	Cancer; Endocrine system	х	Maine (CA Prop 65; Canada PBiT; NTP 11th ROC; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; NWM Priority Chemicals; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Antimicrobial	
58-90-2	2,3,4,6-Tetrachlorophenol	Liver		IRIS; WA Appen1	Pesticide, preservative	
59-89-2	N-Nitrosomorpholine	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Solvent, chemical synthesis	
60-09-3	p-Aminoazobenzene (Aniline Yellow)	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
60-11-7	4-Dimethylaminoazobenzene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	pH indicators - spot tests	
60-24-2	2-Mercaptoethanol	Eyes, Cardiovascular system, Liver, Skin		OECD - SIDS/SIAR	Dyestuff, chemical intermediate, chemical mfg	х
60-35-5	Acetamide	Cancer		Maine (CA Prop 65); WA Appen1	Solvent, plasticizer, stabilizer, humectant	
60-51-5	Dimethoate	Nervous system		IRIS; WA Appen1	Pesticide	
60-57-1	Dieldrin	Cancer, Development, Endocrine system, Immune system, Liver, Nervous system	х	Maine (CA Prop 65; IRIS; EPA Priority PBT; WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List; Minnesota HRL	Pesticide (not EPA registered)	
61-82-5	Amitrole	Cancer, Endocrine system		Maine (CA Prop 65; NTP 11th ROC; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
62-38-4	Phenylmercuric Acetate	Kidney		IRIS; WA Appen1	Preservative	
62-50-0	Ethyl methanesulfonate	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Research, catalyst in chemical mfg	
62-53-3	Aniline	Cancer		• • • • • • • • • • • • • • • • • • • •	Chemical mfg, (polyurethane foam, varnishes, perfumes, printing inks)	х



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (CA Prop 65; NTP 11th ROC);	, ,	
				WA Appen1	motor fuel stabilizer,	
					accelerator in vulcanization	
62-55-5	Thioacetamide	Cancer			of buna rubber; former uses	
					as solvent in leather, textile,	
					paper industries	
				Maine (CA Prop 65; NTP 11th ROC);		
62-56-6	Thiourea	Cancer		WA Appen1; WA CHCC	boiler water treatment,	
					photography chemicals	
62-73-7	DDVP (Dichlorvos)	Cancer, Nervous		Maine (CA Prop 65; IRIS); WA	Pesticide	
02-73-7	DDVP (DICTIOTVOS)	system		Appen1; Minnesota HRV		
62-74-8	Sodium fluoroacetate	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
62-75-9	N-Nitrosodimethylamine	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP	Industrial solvent,	
02-73-3	14-141ti OSOdii iletii ylainiile	Cancer		11th ROC); WA Appen1	antioxidant	
63-25-2	Carbaryl	Endocrine system		Maine (EuC Endocrine Disruptor	Pesticide	
03 23 2	Carbaryi	Endocrine system		Priority List); WA Appen1		
				Maine (CA Prop 65; IARC); WA	Solvent, fuel, cosmetics,	
64-17-5	Ethanol	Cancer, Development		Appen1	drinks, antifreeze,	x
					detergents, hair spray,	
					fragrances, lotions	
64-18-6	Formic acid	Eyes		HSDB; WA Appen1	Pesticide, acidulating agent	х
		,			in dyeing, solvent	
64-67-5	Diethyl sulfate	Cancer		Maine (CA Prop 65; IARC; NTP 11th	, , , , , , , , , , , , , , , , , , , ,	x
				ROC); WA Appen1	intermediate in dye mfg	
66-27-3	Methyl methanesulfonate	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Research, catalyst	
				ROC); WA Appen1 Cal Prop 65	solvent, antifreeze, fuel,	
				(reproductive/developmental)	chemical production, paint,	
67-56-1	methanol	Development		(reproductive/developmental)	adhesive, detergent, home	x
					cleaners	
				Maine (CA Prop 65; IRIS; NTP 11th	Solvent	
		Cancer, Development,		ROC); WA Appen1; Minnesota HRL;	Joivent	
67-66-3	Chloroform	Immune system,		Minnesota HRV		x
		Reproduction		Willing Social Filty		
				Maine (CA Prop 65; NTP 11th ROC;	Organic chemical synthesis,	
C7 72 4	House ship we others -	Ca : :		NWM Priority Chemicals; OSPAR	pyrotechnics, solvent	
67-72-1	Hexachloroethane	Cancer	X	Chemicals of Concern); WA Appen1		Х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
68-12-2	N,N-dimethylformamide	Liver		OECD - SIDS/SIAR; WA Appen1; Minnesota HRV	Solvents, chemical intermediates, paints	x
70-25-7	N-Methyl-N'-nitro-N- nitrosoguanidine	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1		
70-30-4	phenol, 2,2'-methylenebis[3,4,6-trichloro-		x	Maine (OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Antibacterial, disinfectant, pesticide (EPA reg. cancelled)	
71-43-2	Benzene	Blood, Cancer, Development, Immune system, Reproduction		Maine (CA Prop 65; IARC; EU Carcinogen; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRL; Minnesota HRV	Inks, rubbers, lacquers, paint remover, gasoline additive	х
71-48-7	Cobalt(II) diacetate	Reproduction, Cancer		ECHA Substances of Very High Concern	bleaching agent and drier for lacquers, varnishes	x
72-20-8	Endrin	Development	х	Maine (CA Prop 65; WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Pesticide (EPA reg. cancelled)	
72-43-5	Methoxychlor	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; TRI PBT Chemical List; NWM Priority Chemicals; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Pesticide (EPA reg. cancelled)	
72-54-8	benzene, 1,1'-(2,2- dichloroethylidene)bis[4-chloro-	Cancer, Endocrine system	х	Maine (CA Prop 65; IRIS; EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List; Minnesota HRL	Pesticide (EPA reg. cancelled)	
72-55-9	benzene, 1,1'- (dichloroethenylidene)bis[4-chloro-	Cancer, Endocrine system, Reproduction	х	Maine (CA Prop 65; IRIS; EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List; Minnesota HRL	Pesticide contaminant	
72-57-1	Trypan blue (commercial grade)	Cancer		Maine (CA Prop 65); WA Appen1	Dye, pharmaceutical	
74-83-9	Methyl bromide, as a structural fumigant	Development, Nervous system, Respiratory		Maine (CA Prop 65); WA Appen1; Minnesota HRV	Refrigerant, fire extinguisher, fumigant	х
74-83-9	Methyl bromide, in water	Gastrointestinal system		WA Appen1; Minnesota HRL	Contaminant	х



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
74-87-3	Methyl chloride	Development		Maine (CA Prop 65); WA Appen1	Pharmaceutical, foaming agent in plastics industry, catalyst, chemical mfg	х
74-88-4	Methyl iodide	Cancer		Maine (CA Prop 65); WA Appen1	Ethylating agent, microscopy, etching	
74-90-8	Hydrogen cyanide	Endocrine system, Nervous system		WA Appen1; Minnesota HRV	Pesticide (EPA reg. cancelled), electroplating, metal mfg	х
74-93-1	Methanethiol (Methyl mercaptan)	Body weight, Blood, Spleen		OECD - SIDS/SIAR	Gas odorant, chemical manufacturing	х
74-95-3	Dibromomethane	Kidney, Liver		HSDB	Solvent, gauge fluid	х
74-96-4	Bromoethane	Cancer		Maine (CA Prop 65); WA Appen1	Ethylating agent, chemical mfg	х
75-00-3	Chloroethane (Ethyl chloride)	Development, Endocrine system, Nervous System, Reproduction		Maine (CA Prop 65); WA Appen1; Minnesota RAA; Minnesota HRV	Chemical intermediate, refrigerant, solvents, pharmaceutical	х
75-01-4	Vinyl chloride	Cancer, Liver		Maine (CA Prop 65; IARC; EU Carcinogen; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRL; Minnesota HRV	Plastics, organic chemical synthesis	х
75-02-5	Vinyl fluoride	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Production of polyvinyl fluoride	x
75-05-8	Acetonitrile	Mortality		WA Appen1; Minnesota HRV	Pesticides mfg, rubber, dyes	х
75-07-0	Acetaldehyde	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRV	Organic chemical synthesis, flavoring, chemical intermediate	х
75-09-2	Methylene Chloride (Dichloromethane)	Cancer, Liver, Nervous system		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRL-EPA-MCL; Minnesota HRV	Solvent, chemical intermediate	x
75-12-7	Formamide	Reproduction		ECHA Substances of Very High Concern	chemical intermediate, sofener (paper, glue), pharmaceutical solvent	
75-15-0	Carbon disulfide	Development, Nervous system, Reproduction		Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRL; Minnesota HRV	Pesticide (EPA reg. cancelled), rayon mfg	х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s) Maine (CA Prop 65; IARC; NTP 11th	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
75-21-8	Ethylene oxide	Cancer, Development, Reproduction		ROC); WA Appen1	fumigant	х
75-25-2	Bromoform	Cancer		Maine (CA Prop 65; IRIS); WA Appen1; Minnesota HRL	Solvent, intermediate in chemical mfg, reagent	
75-26-3	2-Bromopropane	Reproduction		Maine (CA Prop 65; EU Reproductive Toxicant; NTP CERHR); WA Appen1	Synthesis of dyes, pharmaceuticals, organic chemicals	
75-27-4	Bromodichloromethane	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRL	Reagent, organic synthesis	
75-28-5	Isobutane (containing 0.1 % butadiene (203-450-8))	Cancer		Maine (EU Carcinogen)	Propellant, gasoline, hair spray/styling, shaving cream, deodorant, laundry, starch, sunscreen, fragrances, arts/crafts products	x
75-34-3	1,1-Dichloroethane	Cancer, Nervous system		Maine (CA Prop 65); WA Appen1; Minnesota RAA	Solvent, extracting agent, fumigant	х
75-35-4	1,1-Dichloroethylene (Vinylidene chloride)	Liver		WA Appen1; Minnesota HBV	Co-monomer in production of coatings, films, resins; organic synthesis	х
75-44-5	Phosgene	Respiratory system		WA Appen1; Minnesota HRV	Polymeric isocyanides mfg, pesticide mfg	х
75-52-5	methane, nitro-	Cancer	х	Maine (CA Prop 65; NTP 11th ROC; NWM Priority Chemicals; OSPAR Chemicals of Concern); WA Appen1	Rocket and racing fuel, solvents for vinyls, epoxies, polyamides and acrylic polymers, model engine fuel, cleaning/washing products, personal care products	x
75-55-8	2-Methylaziridine (Propyleneimine)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Polymer in textile and paper industry	
75-56-9	Propylene oxide	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Pesticide, disinfectant	х
75-59-2	Tetramethylammonium hydroxide	Bladder, Cardiovascular system, Eyes, Skin		OECD - SIDS/SIAR	Semiconductor and electronics industry	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
646			Persistent, very		Lie Formula (a) and (a)	Volume (HPV)
CAS	a		Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
75-60-5	Cacodylic acid	Cancer		Maine (CA Prop 65); WA Appen1	Desiccant, ripener, defoliant, pharmaceutical	
75-87-6	Chloral	Cancer		IARC 2A	chemical intermediate	х
75-99-0	Dalapon, sodium salt	Kidney		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
				IARC 2B	solvent, selective herbicide,	
76-03-9	Trichloroacetic acid	Cancer			surface treatment of metals	
				Maine (CA Prop 65; IRIS; EPA Final	Pesticide (EPA reg.	
				PBT Rule for TRI; TRI PBT Chemical	cancelled)	
				List; NWM Priority Chemicals; WA		
76-44-8	Heptachlor	Cancer, Development	Х	PBT List; OSPAR Chemicals of		
				Concern); WA Appen1; Oregon P3		
				List; Minnesota HRL		
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-			Maine (Canada PBiT); WA Appen1	pH indicator	
76-60-8	ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide		х			
	3,3 dioxide			Maine (CA Prop 65; OSPAR	Pesticide, antifouling	
76-87-9	stannane, hydroxytriphenyl-	Cancer, Development	x	Chemicals of High Concern); WA		x
				Appen1		
77-40-7	2,2-Bis(4-hydroxyphenyl)-n-butan =	Endocrine system		Maine (EuC Endocrine Disruptor	Plastic component	
,, 10 ,	Bisphenol B	Endocrine system		Priority List); WA Appen1		
		Kidney, Liver,		ATSDR; HSDB; IRIS; NTP; WA	Flame retardants mfg,	
77-47-4	Hexachlorocyclopentadiene	Respiratory system		Appen1	pesticide (EPA reg. cancelled)	
77-52-1	Urs-12-en-28-oic acid, 3-hydroxy-, (3ß)-		х	Maine (Canada PBiT); WA Appen1		
	(33)			OECD - SIDS/SIAR; Minnesota HRV	Intermediate in production	
77-73-6	Dicyclopentadiene	Adrenal glands, Eyes,			of resins, pesticides, plastics	x
		Kidney, Liver, Skin				
				Maine (CA Prop 65; IARC; IRIS; NTP	Ethylating agent, sulfating	
77-78-1	Dimethyl sulfate	Cancer		11th ROC); WA Appen1	agent (agrichemicals, dyes,	х
					fabric softeners)	
78-48-8	Merphos oxide (Tribufos)	Nervous system		IRIS; WA Appen1	Pesticide	Х
70.62.7	Peroxide, (1,1,4,4-tetramethyl-1,4-			Maine (Canada PBiT); WA Appen1	Rubber mfg	
78-63-7	butanediyl)bis[(1,1-dimethylethyl)		Х			х
	(Varox)	[1



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Droduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (CA Prop 65; NTP 11th ROC);	· ·	
78-79-5	Isoprene	Cancer		OECD - SIDS/SIAR; WA Appen1	rubber mfg	Х
78-82-0	2-Methylpropanenitrile	Eyes, Nervous system		HSDB; WA Appen1	Synthesis of gasoline and pesticides, catalyst in	х
					polyethylene production, solvent	
		Cancer, Respiratory		Maine (CA Prop 65); WA Appen1;	Solvent, dry-cleaning,	
78-87-5	1,2-Dichloropropane	system		Minnesota HRL; Minnesota HRV	pesticide (EPA reg. pesticide)	Х
				WA State CHCC	organic solvent;	
		Development,			manufacture of smokeless	
78-93-3	Methyl ethyl ketone	Systemic			powder; colorless synthetic	х
		,			resins; found in arts & crafts	
	Vinyl trichloride (1,1,2-	Cancer, Immune		Maine (CA Prop 65); WA Appen1;	products Solvent, production of	
79-00-5	Trichloroethane)	system		Minnesota HRL	vinylidine chloride	x
	The more curation	System		Maine (CA Prop 65; IARC; NTP 11th		
70.04.6		Development, Liver,		ROC); WA Appen1; Minnesota HRL-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
79-01-6	Trichloroethylene	Reproduction		EPA -MCL; Minnesota HRV		Х
		Eyes, Mortality,		EPA - HC	Chemical intermediate,	
79-04-9	Chloroacetyl chloride	Respiratory system,			chloroacetophenone mfg,	x
		Skin			tear gas	
		Cancer, Development,			Synthesis of dyes, adhesives,	
79-06-1	Acrylamide	Genotoxic,		11th ROC; NTP CERHR); WA	paper and textiles	х
		Reproduction		Appen1; ECHA Substances of Very		
				High Concern	Chamical interpretations for	
79-10-7	Acrylic acid	Pecniratory system		WA Appen1; Minnesota HRV	Chemical intermediate for	Y
73-10-7	Act yile actu	Respiratory system			acrylates, plastics mfg, water based paints	Х
				WA Appen1; OECD - SIDS/SIAR	Crop protection chemicals,	
		Cardiovascular			carboxymethylcellulose,	
		system, Development,			paints, pharmaceuticals	
79-11-8	Chloroacetic acid	Eyes, Kidney, Liver,				х
		Nervous System, Respiratory system,				
		Skin				
		JAIT				



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
79-16-3	N-methylacetamide	Reproduction		ECHA Substances of Very High Concern	solvent	
79-34-5	1,1,2,2-Tetrachloroethane	Cancer		Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRL	Solvent, degreaser	х
79-38-9	Chlorotrifluoroethylene	Kidney		HSDB	Chlorotrifluoroethylene resins mfg, synthesis of plastics, lubricants, elastomers	х
79-46-9	2-Nitropropane	Cancer, Liver		Maine (CA Prop 65; NTP 11th ROC); WA Appen1; Minnesota HRV	Solvent in inks, paints, adhesives, chemical synthesis	х
79-92-5	bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (Camphene)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Food additive, chemical intermediate, pharmaceutical, mothproofing, fragrance	x
79-94-7	Tetrabromobisphenol A		х	Maine (EPA Final PBT Rule for TRI; TRI PBT Chemical List; EPA Priority PBT; WA PBT List; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1; WA CHCC; Oregon P3 List	Flame retardant on electronic circuit boards, plasticizer	х
79-95-8	phenol, 4,4'-(1- methylethylidene)bis[2,6-dichloro- (2,2',6,6'-TETRACHLOROBISPHENOL A)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant monomer in epoxy resins, polycarbonates, and polyesters	
80-05-7	4,4'-methylethylidenebisphenol (BPA) (Bisphenol A)	Development, Endocrine system		Maine (NTP CERHR; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	Monomer in polycarbonate and epoxy resins, plastics mfg	x
80-06-8	benzenemethanol, 4-chloroalpha (4-chlorophenyl)alphamethyl- (Dimite)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
80-07-9	4,4'-Dichlorodiphenyl sulfone	Genotoxic, Kidney, Liver		OECD - SIDS/SIAR	Production of thermoplastics	х
80-09-1	Bisphenol S (BPS)	Reproductive; Developmental		Washington CHCC List	polymer production, thermal papers, PES plastics (baby bottles), personal care products	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			•
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
80-15-9	Cumene hydroperoxide	Respiratory system,		HSDB	Production of acetone and	x
	p-(1,1-dimethylpropyl)phenol	Skin			phenol, curing agent Pesticide; manufacturing	
	p-(1,1-diffiethy)propyr)priefior				process; food contact; toys;	
80-46-6		Endocrine system		ECHA Substances of Very High Conc	(Pr	х
					paint; cleaning/washing	
00.54.3	4,4'-Oxybis(benzenesulfonyl	Adrenal glands,		OECD - SIDS/SIAR	Sponge rubber mfg and	
80-51-3	hydrazide) (OBSH)	Kidney, Liver			expanded plastics	
					air care products, biocides,	
					polishes & waxes, washing &	
					cleaning products,	
					perfumes/fragrances,	
	2-(4-tert-			ECHA Substance of Very High	cosmetics/personal care	
80-54-6	butylbenzyl)propionaldehyde	Reproduction		Concern	products, coating products,	х
	, , , , , , ,				fillers, putties, plasters,	
					modelling clay, finger paints,	
					and ink toners (source: SVHC	
					listing)	
				WA Appen1; Minnesota HRV	Monomer for	
00.63.6	Nactharl weather an date NANAA	Danisatas su austas			polymethacrylate resins,	
80-62-6	Methyl methacrylate MMA	Respiratory system			comonomer for copolymers	Х
81-14-1	Musk ketone		Х	WA Appen1; Oregon P3 List	Fragrances	
	benzene, 1-(1,1-dimethylethyl)-3,5-			Maine (OSPAR Chemicals of	Fragrance compounds,	
81-15-2	dimethyl-2,4,6-trinitro- (Musk		x	1	cosmetics	
	xylene)			High Concern); WA Appen1;		
	,,			Oregon P3 List		
81-49-2	1-Amino-2,4-dibromoanthraquinone	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Dye	
	,			WA Appen1	-	
	Benzenesulfonamide, N-(4-amino-			Maine (Canada PBiT); WA Appen1	Dye	
81-68-5	9,10-dihydro-3- methoxy-9,10-dioxo-		x			
	1-anthracenyl)-4-methyl- (C.I.					
	Disperse Red 86)					
		Development,		Maine (CA Prop 65; EU	Pesticide, anticoagulant	
81-81-2	Warfarin	Endocrine system		Reproductive Toxicant); WA		
		Litaberine system		Appen1		
81-88-9	D&C Red No. 19	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
81-98-1	7H-benz[de]anthracen-7-one, 3,9-		x	Maine (OSPAR Chemicals of	Chemical intermediate in	
01-30-1	dibromo-		X	Concern): WA Appen1	chemical synthesis	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
82-05-3	7H-benz[de]anthracen-7-one		v	Maine (OSPAR Chemicals of	Dye	
82-05-3	7H-Denz[de]anthracen-7-one		Х	Concern); WA Appen1		
82-28-0	1-Amino-2-methylanthraquinone	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Chemical intermediate for	
02-20-0	1-Ammo-2-methylantmaqumone	Caricer		WA Appen1	dyes	
				Maine (NWM Priority Chemicals;	Seed treatment, pesticide	
82-68-8	Pentachloronitrobenzene		Х	OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		
				Maine (NWM Priority Chemicals;	Dye, insecticide, fungicide,	
83-32-9	Acenaphthene		Х	OSPAR Chemicals of Concern); WA	plastics manufacture	
				Appen1		
	benzene, 1-(1,1-dimethylethyl)-2-			Maine (OSPAR Chemicals of	Fragrances	
83-66-9	methoxy-4-methyl-3,5-dinitro-		Х	Concern); WA Appen1		
	(Musk ambrette - artificial)					
83-79-4	Rotenone	Reproduction		IRIS; WA Appen1	Pesticide	
84-61-7	Dicyclohexyl phthalate (DCHP)	Endocrine system		Maine (EuC Endocrine Disruptor	Plasticizer	
	- 10 у 11 г.			Priority List); WA Appen1		
				Maine (CA Prop 65); WA Appen1	Chemical production of acid	
84-65-1	Anthraquinone	Cancer			and base dyes, pesticide	Х
04.66.3				Maine (EuC Endocrine Disruptor	Plasticizer	
84-66-2	Diethyl phthalate (DEP)	Endocrine system		Priority List); WA Appen1; WA		х
				CHCC; Minnesota HRL	Diacticizor	
84-69-5	1,2-benzenedicarboxylic acid, bis(2-	Reproduction		Maine (OSPAR Chemicals of Concern); WA Appen1; ECHA	Plasticizer	
84-09-5	methylpropyl) ester	Reproduction				
				Substances of Very High Concern Maine (CA Prop 65; NTP CERHR;	Plasticizer, epoxy resins	
		Development,		OSPAR Chemicals of Concern; EuC	riasticizer, epoxy resiris	
84-74-2	1,2-benzenedicarboxylic acid, dibutyl	Endocrine system,		Endocrine Disruptor Priority List;		x
04-74-2	ester (DBP) (phthalate)	Reproduction		ECHA Substances of Very High		^
		пергодистоп		Concern); WA Appen1		
				Maine (CA Prop 65); WA Appen1;	Plastisol mfg	
84-75-3	Di-n-hexyl phthalate (DnHP)	Cancer		WA CHCC		
85-00-7	Diquat dibromide	Development, Eyes		IRIS; WA Appen1	Pesticide	
				Maine (NWM Priority Chemicals);	Research, dyes, explosives,	
85-01-8	Phenanthrene		Х	WA Appen1; Oregon P3 List	drugs	
				Maine (OSPAR Chemicals of	Add-in flame retardant,	
				Concern; OSPAR Chemicals for	thermoset polyester resins	
85-22-3	Pentabromoethylbenzene		Х	Priority Action); WA Appen1	for circuit boards, textiles,	
					adhesives (1980s)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
85-42-7	Hexahydrophthalic anhydride (HHPA)	Respiratory system, Skin		EPA - HC	Curing agent for epoxy resins and intermediate for plasticizers	х
85-68-7	1,2-benzenedicarboxylic acid, butyl phenylmethyl ester (BBP) (phthalate)	Development, Endocrine system, Reproduction		Maine (CA Prop 65; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; ECHA Substances of Very High Concern); WA Appen1; HSDB; Minnesota HRL	Plasticizer	х
85-86-9	2-Naphthalenol, 1-[[4- (phenylazo)phenyl]azo]- (C.I. Solvent Red 23)		х	Maine (Canada PBiT); WA Appen1	Dye	
				Maine (CA Prop 65; IRIS); WA	Radical scavenger, anti-	
86-30-6	N-Nitrosodiphenylamine	Cancer		Appen1; WA CHCC; Minnesota HRL	scorching agent, rubber accelerator	
				Maine (NWM Priority Chemicals);	Chemical intermediate;	
86-73-7	Fluorene	Blood	X	WA Appen1; Minnesota HRL	manufacture of dyestuffs	
86-74-8	Carbazole	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide mfg, lubricants, rubber antioxidants, dye	
	Benzamide, 3,5-dibromo-N-(4-			Maine (Canada PBiT); WA Appen1	intermediate Pesticide (EPA reg.	
87-10-5	bromophenyl)-2-hydroxy-		x	Walle (Callada FBIT), WA Appelli	cancelled), pharmaceutical	
87-29-6	Cinnamyl anthranilate	Cancer		Maine (CA Prop 65); WA Appen1	Flavoring agent	
0, 23 0	Children's Children and C	Caricer		Maine (EU PBT List; OSPAR	Chemical solvent for high-	
87-61-6	1,2,3-trichlorobenzene		×	Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	melting products, coolant in electrical installations	
87-62-7	2,6-Xylidine (2,6-Dimethylaniline)	Cancer		Maine (CA Prop 65); WA Appen1	Intermediate in chemical mfg	
87-68-3	Hexachlorobutadiene	Kidney	х	Maine (NWM Priority Chemicals; WA PBT List; EU PBT List; OSPAR Chemicals of Concern; Canada PBiT); WA Appen1; WA CHCC; Minnesota HRL	Solvent, fumigant	
87-82-1	benzene, hexabromo-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant	
87-83-2	benzene, pentabromomethyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant (no longer in use)	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
87-86-5	Pentachlorophenol	Cancer, Endocrine system, Kidney, Liver	x	Maine (CA Prop 65; EuC Endocrine Disruptor Priority List; IRIS; NWM Priority Chemicals; OSPAR Chemicals of Concern); WA Appen1; Minnesota HRL- EPA-MCL	Pesticide	×
88-06-2	2,4,6-Trichlorophenol	Cancer	х	Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Oregon P3 List; Minnesota HRL	Pesticide (EPA reg. cancelled), preservative, antimicrobial	
88-12-0	2-Pyrrolidinone, 1-ethenyl-	Liver		HSDB; WA Appen1	Water soluble and insoluble forms of polyvinyl pyrrolidone for pharmaceuticals and cosmetics mfg, disinfectant	x
88-60-8	6-tert-Butyl-m-cresol	Liver		OECD - SIDS/SIAR	Water soluble and insoluble forms of polyvinyl pyrrolidone for pharmaceuticals and cosmetics mfg, disinfectant	х
88-72-2	o-Nitrotoluene	Cancer		Maine (CA Prop 65); WA Appen1	Synthesis of azo dyes, petrochemicals, pesticides, pharmaceuticals	
88-73-3	2-Chloronitrobenzene	Cancer		IARC 2B	Intermediate chemical in synthesis of colorants/dyes and specialty chemicals (e.g. lumber preservatives, photographic developer, corrosion inhibitors, pigments, and agricultural chemicals)	
88-85-7	Dinoseb	Development, Reproduction	х	Maine (CA Prop 65); WA Appen1; Oregon P3 List	Pesticide (EPA reg. cancelled)	х
89-32-7	Pyromellitic dianhydride	Respiratory system		HSDB	Curing agent, aromatic polyamides mfg	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
					Intermediate chemical in	
					manufacture of diazo	
					pigments. In production of	
					agrochemicals and	
89-61-2	1,4-Dichloro-2-nitrobenzene	Cancer		IARC 2B	ultraviolet absorbents.	
					Industrial chemical used in	
					coloring of paper products,	
					chemicals, textiles, leather,	
					and fur.	
	Pulegone				Fragrance, insect repellent,	
89-82-7		Cancer		IARC-2B	food/drink flavouring,	
					traditional remedy	
				Maine (CA Prop 65); WA Appen1	Intermediate in dye mfg,	
90-04-0	o-Anisidine	Cancer			pharmaceuticals, fragrances,	
90-43-7	o-Phenylphenol	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide, rubber industry,	
30-43-7	о-г пенуприеног	Caricer			plasticizer	
90-94-8	Michler's ketone	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Synthesis of auramine	
30-34-8	Whether's Retorie	Caricer		WA Appen1	derivatives, pigment mfg	
				The state of the s	Moth repellant, chemical	
91-20-3	Naphthalene	Cancer, Respiratory	x	NWM Priority Chemicals); WA	mfg, wood preservation,	x
31-20-3	Naphthalene	system	^	Appen1; Minnesota HRL;	pharmaceutical	^
				Minnesota HRV		
				Maine (IRIS); WA Appen1	Dyestuffs, chemical	
91-22-5	Quinoline	Cancer			intermediate, flavoring,	
					decarboxylation reagent	
91-23-6	o-Nitroanisole	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
31 23 0	o microanisole	Curicer		WA Appen1	chemical intermediate	
				Maine (CA Prop 65; IARC; EU	Dye mfg, research	
91-59-8	2-Naphthylamine	Cancer		Carcinogen; NTP 11th ROC); WA		
				Appen1		
				Maine (CA Prop 65; IARC; IRIS; EU	Dye, curing agent	
	[1,1'-biphenyl]-4,4'-diamine, 3,3'-			Carcinogen; NTP 11th ROC; OSPAR		
91-94-1	dichloro-	Cancer	X	Chemicals of High Concern); WA		
				Appen1; Minnesota HRL		
				504 110		
92-15-9	Acetoacet-o-anisidide	Blood, Spleen		EPA - HC	Chemical intermediate in	х
Ī		1 ' '	1		production of pigments	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Hinh Dundunting
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (OSPAR Chemicals of	In coal tar and anthracene	
92-24-0	Naphthacene		X	Concern); WA Appen1	contaminants; organic	
					synthesis	
00.67.4				Maine (CA Prop 65; IARC; EU	Detection of sulfates, rubber	
92-67-1	4-Aminobiphenyl (4-amino-diphenyl)	Cancer		Carcinogen; NTP 11th ROC); WA	antioxidant	
				Appen1	Chamical internaciate	
92-69-3	4-Hydroxybiphenyl = 4-Phenylphenol	Endocrine system		Maine (EuC Endocrine Disruptor	Chemical intermediate	
				Priority List); WA Appen1 OECD - SIDS/SIAR	Dyes/pigments,	
92-70-6	3-Hydroxy-2-naphthoic acid	Eyes, Skin		OECD - SIDS/SIAR	pharmaceutical	x
	2-Naphthalenecarboxamide, N-(5-			Maine (Canada PBiT); WA Appen1	Dye	
92-72-8	chloro-2,4-dimethoxyphenyl)-3-		x	Walle (Callada FBIT), WA Appelli	Dye	
32-72-0	hydroxy- (C.I. 37550)		^			
	2-Naphthalenecarboxamide, N-(4-			Maine (Canada PBiT); WA Appen1	Dye	
92-76-2	chloro-2-methylphenyl)-3-hydroxy-		x	Walle (callada i Bir), WA Appelli	Dyc	
52 / 5 2	(C.I. 37525)		^			
				Maine (CA Prop 65; IARC; EU	Dyes, reagent	
92-87-5	Benzidine [and its salts]	Cancer		Carcinogen; IRIS; NTP 11th ROC);		
				WA Appen1; Minnesota HRV		
92-88-6	4,4'-Dihydroxybiphenyl = 4,4'-	Endossino sustam		Maine (EuC Endocrine Disruptor		
92-88-0	Biphenol	Endocrine system		Priority List); WA Appen1		Х
92-93-3	4-Nitrobiphenyl	Cancer		Maine (CA Prop 65); WA Appen1	Plasticizer for resins and	
92-93-3	4-Миловірненуї	Caricer			polystyrene	
92-94-4	p-Terphenyl		x	Oregon P3 List	Heat storage, transfer	
32 34 4	ртегрпенуг		^		agents, textile dye carrier	
93-15-2	Methyleugenol	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
		00.1001		WA Appen1	pharmaceutical	
	1,4-benzenediamine, N,N'-di-2-			Maine (OSPAR Chemicals of		
93-46-9	naphthalenyl- (Diafen NN)		Х	Concern; Canada PBiT); WA		
				Appen1		
93-68-5	o-Acetoacetotoluidide	Blood, Spleen		OECD - SIDS/SIAR	Chemical intermediate for	x
	2 /2 / F Trickleverk			M/A Append: Mingresste LIDL 504	pigments	
93-72-1	2-(2,4,5-Trichlorophenoxy) propionic	Liver		WA Appen1; Minnesota HRL - EPA-	Pesticide (EPA reg.	
	acid			MCL WA Appent: Minneseta HPI	cancelled)	
93-76-5	2,4,5-Trichlorophenoxyacetic acid	Blood, Development		WA Appen1; Minnesota HRL	Pesticide (EPA reg.	
				Maine (EuC Endocrine Disruptor	Pesticide (EPA reg.	
94-13-3	n-propyl p-hydroxybenzoate	Endocrine system		Priority List); WA Appen1; WA	cancelled), antimicrobial,	
J - 13-3	Propyr p-riyuroxyberizoate	Liluocinie systeili		CHCC	preservative	
1	1	l	l	01100	I Preservative	I



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (EuC Endocrine Disruptor	Pesticide (EPA reg.	
94-26-8	n-Butyl p-Hydroxybenzoate	Endocrine system		Priority List); WA Appen1; WA	cancelled), preservative	
				CHCC		
	Dihydrosafrole				essential oil compositions;	
					(former uses: chem	
94-58-6		Cancer		IARC-2B	intermediate insecticide,	
					rootbeer flavouring,	
					cosmetic fragrance)	
04.50.7	Cafaala	C		Maine (CA Prop 65; NTP 11th ROC);	Piperonyl butoxide mfg,	
94-59-7	Safrole	Cancer		WA Appen1	preservative	
04.74.6	2-Methyl-4-chlorophenoxyacetic acid	Wide and Divers		WA Appen1; Minnesota HRL	Pesticide	
94-74-6	(MCPA)	Kidney, Liver				
94-75-7	2,4-Dichlorophenoxyacetic acid (2,4-D)	Blood, Kidney, Liver		WA Appen1; Minnesota HRL	Pesticide	х
				Maine (CA Prop 65; EuC Endocrine	Pesticide	
94-82-6	2,4-D butyric acid	Endocrine system,		Disruptor Priority List); WA Appen1	resticide	
34-82-0	2,4-D butyfic acid	Reproduction		Disruptor Friority List), WA Appeni		
				Maine (CA Prop 65; NTP 11th ROC);	Pesticide (FPA reg	
95-06-7	Sulfallate	Cancer		WA Appen1	cancelled)	
	N-tert-butylbenzothiazole-2-			OECD - SIDS/SIAR	Accelerator for vulcanization	
95-31-8	sulphenamide	Blood, Kidney, Liver		0200 0.20,000.00	of rubber	X
				IRIS; WA Appen1	Solvent, pesticide	
95-49-8	o-Chlorotoluene	Body Weight		into, www.ppenii	component	х
				Maine (CA Prop 65; IARC; NTP 11th		
95-53-4	o-Toluidine	Cancer		ROC); WA Appen1; WA CHCC	intermediate in dye mfg,	x
	o retaile	04.1001			colors	
	o-Phenylenediamine and its salts, o-			Maine (CA Prop 65); WA Appen1	Mfg dyes, photographic	
95-54-5	Phenylenediamine, o-	Cancer		(ст. тер се,, ст. т. т.	developing agent, organic	x
	Phenylenediamine dichydrochloride	5355			chemical synthesis, hair dye	
				WA Appen1; Minnesota HRL	Organic synthesis,	
95-57-8	2 - Chlorophenol	Development		, , , , , , , , , , , , , , , , , , , ,	disinfectant	
		Blood, Kidney, Liver,		IRIS; WA Appen1	Starting materials for	
95-65-8	3,4-Dimethylphenol	Spleen			phenolic resins	Х
05 60 3	a Chlana a talvidina	•		Maine (CA Prop 65; IARC; NTP 11th	Chemical intermediate for	
95-69-2	p-Chloro-o-toluidine	Cancer		ROC); WA Appen1	dyes, pesticide	
				Maine (OSPAR Chemicals of	Chemical intermediate for	
95-76-1	3,4-dichloroaniline	Endocrine system		Concern; EuC Endocrine Disruptor	dyes and pesticides	
				Priority List); WA Appen1		
95-79-4	5-Chloro-o-toluidine	Cancer		Maine (CA Prop 65); WA Appen1		



			Dousistant			
			Persistent, Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Production
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (CA Prop 65; NTP 11th ROC);		
95-80-7	2,4-Diaminotoluene	Cancer		WA Appen1; WA CHCC	isocynates, photographic	
					developer	
95-83-0	4-Chloro-o-phenylenediamine	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Oxidation base, hair dyes	
				WA Appen1		
					Intermediate chemcial in	
					production of dyes for	
					textiles and clothing fabrics	
					(e.g. mattresses, curtains,	
					carpets, or textile toys),	
					leather (e.g. gloves, shoes,	
					purses, or furniture), and	
95-85-2	2-Amino-4-chlorophenol	Cancer		IARC 2B	paper chemicals (e.g.	
33 03 2	2 Amino 4 emorophenor	Curicci		IAIC 25	tissues, feminine hygiene	
					products, nappies, books,	
					magazines, or wallpaper),	
					and as inks and toners. Has	
					been used in some hair dyes.	
					Trace amounts may be	
					found in consumer products	
				Maine (NWM Priority Chemicals;	Synthesis of 2,4,5-	
				WA PBT List; OSPAR Chemicals of	Trichlorophenate sodium,	
95-94-3	1,2,4,5-Tetrachlorobenzene		Х	Concern; Canada PBiT); WA	mfg pesticides	
				Appen1		
				Maine (NWM Priority Chemicals;	Preservative	
95-95-4	2,4,5-Trichlorophenol		X	OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		
				Maine (CA Prop 65; IARC; NTP 11th	Production of styrene glycol,	
96-09-3	Styrene oxide	Cancer		ROC); WA Appen1	epoxy resins, cosmetics,	
					perfumes	
				Maine (CA Prop 65; NTP 11th ROC;	Pesticide (EPA reg.	
06 12 0	1,2-Dibromo-3-chloropropane	Cancer, Endocrine		EU Reproductive Toxicant; EuC	cancelled)	
96-12-8	(DBCP)	system, Reproduction		Endocrine Disruptor Priority List);		
				WA Appen1		
				Maine (CA Prop 65; NTP 11th ROC);	Production of tris(1,2,3-	
96-13-9	2,3-Dibromo-1-propanol	Cancer		WA Appen1	dibromopropyl) phosphate,	
					flame retardants	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
		, ,	, ,	Maine (CA Prop 65; IARC; NTP 11th	Paint and varnish remover,	
96-18-4	1,2,3-Trichloropropane	Cancer, Kidney, Liver		ROC); WA Appen1; Minnesota HRL	solvent	х
96-23-1	1,3-Dichloro-2-propanol (1,3-DCP)	Cancer		IARC 2B	solvent, chemical intermediate	х
96-24-2	alpha-Chlorohydrin	Reproduction		HSDB	Pesticide, mfg of dye intermediates	
96-33-3	Methyl acrylate	Eyes, Respiratory system, Skin		HSDB; WA Appen1	Production of acrylic and modacrylic fibers	х
06.45.7	Eshulana shiannas	Cancer, Development,		(Accelerator for rubber	
96-45-7	Ethylene thiourea	Endocrine system		EuC Endocrine Disruptor Priority List); WA Appen1	production	
96-48-0	gamma-Butyrolactone	Nervous system		HSDB	Chemical mfg, synthesis of pesticides, abused drug	х
96-66-2	Phenol, 4,4'-thiobis[2-(1,1-dimethylethyl)-6-methyl-		х	Maine (Canada PBiT); WA Appen1	pesticides, abased diag	
97-18-7	phenol, 2,2'-thiobis[4,6-dichloro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Surfactant, antimicrobial	
97-23-4	Dichlorophene	Development		Maine (CA Prop 65); WA Appen1	Antimicrobial, pharmaceutical	
97-56-3	o-Aminoazotoluene (C.I. Solvent Yellow 3)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1		
97-99-4	2-Furanmethanol, tetrahydro-	Development, Nervous system, Pituitary, Reproduction		OECD - SIDS/SIAR	Solvent, chemical intermediate	х
98-00-0	Furfuryl alcohol	Eyes, Respiratory system		HSDB	Solvent for cellulose ethers and esters, tanning hides	х
98-01-1	Furfural	Eyes, Respiratory system		HSDB; IRIS; WA Appen1	Source of furfuryl alcohol, tetrahydrofurfuryl alcohol, Furan, rubber cements, synthetic flavoring ingredient.	х
98-07-7	Benzotrichloride	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1; Oregon P3 List	Organic chemical synthesis, production of pesticides	
98-54-4	Butylphenol	Endocrine system		Maine (OSPAR Chemicals of Concern); WA Appen1	Plasticizer, chemical intermediate	х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
98-56-6	4-Chlorobenzotrifluoride	Cancer		IARC 2B	Solvent in many inks, paints, toners, and coatings. Many uses throughout vehiclemanufacturing process. Consumer product uses in cosmetic stain removal and aerosol, rust prevention, floor wax finishes, and sealers	x
98-82-8	Cumene	Cancer, Kidney		CA Prop 65; WA Appen1; Minnesota HRV; Minnesota HRL	Production of chemical, thinner for paints, enamels, lacquers	х
98-83-9	α-Methyl styrene (alpha-Methylstyren	Cancer		IARC 2B and Cal Prop 65	polymerization monomer	х
98-87-3	α-Chlorinated toluenes (benzal chloride, benzo-trichloride, benzyl chloride) and benzoyl chloride (combined exposures)	Cancer		Maine (IARC); WA Appen1	Preparation of benzoyl chloride	
98-88-4	α-Chlorinated toluenes (benzal chloride, benzo-trichloride, benzyl chloride) and benzoyl chloride (combined exposures)	Cancer		Maine (IARC); WA Appen1	Introduction of benzoyl group into alcohols, phenols, and amine	х
98-95-3	Nitrobenzene	Cancer, Reproduction		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Soaps, shoe polishes, chemical mfg, preservative, extraction solvent	х
99-08-1	m-Nitrotoluene	Body Weight, Kidney, Liver		EPA - HC	Manufacture of dyes, toluidines, explosives	
99-35-4	1,3,5-Trinitrobenzene	Blood		WA Appen1; Minnesota HRL	Explosives, vulcanizing natural rubber	
99-65-0	m-Dinitrobenzene	Reproduction		Maine (CA Prop 65); WA Appen1	Synthesis of organic chemicals	
99-76-3	Methyl p-Hydroxybenzoate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	Antibacterial, antimicrobial	
99-96-7	p-Hydroxybenzoic acid	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	Intermediate for dyes, fungicides, corrosion inhibitor	х



CAS Number Chemical Name Health Endpoint(s) N.N-Dimethyl-p-toluidine Source(s) N.N-Dimethyl-p-toluidine Cancer Cancer Cancer Cancer Again (EuC Endocrine Disruptor Priority List), WA Appen 1 100-00-5 1-Chloro-4-nitrobenzene Cancer Cancer Cancer Cancer Maine (CA Prop 65); WA Appen 1 100-01-6 4 - Nitrobenzenamine Liver Cancer Cancer Maine (CA Prop 65); WA Appen 1 100-02-5 Again (CA Prop 65); WA Appen 1 100-03-6 Again (CA Prop 65); WA Appen 1 100-04-3 4-Vinylcyclohexene Reproduction Cancer, Reproduction Cancer, Reproduction Maine (CA Prop 65); WA Appen 1 WA CHCC; Minnesota HRV; Managen 1; WA CHCC; Minnesota HRV; Min		1					
CAS Number Chemical Name Health Endpoint(s) Source(s) N.N-Dimethyl-p-toluidine Source(s) N.N-Dimethyl-p-toluidine Cancer Ca				Persistent,			
CAS Number Chemical Name N,N-Dimethyl-p-toluidine Source(s) N,N-Dimethyl-p-toluidine Cancer Maine (CA Prop 65) WA Appen1: WA CHCC; Minnesota HRV Chemical intermediate for dyes, agricultural chemicals, rubber, precursor to syrene Cancer Maine (CA Prop 65) WA Appen1: WA CHCC; Minnesota HRV Chemical Maine (CA Prop 65) WA Appen1				*			
CAS Number Chemical Name Health Endpoint(s) Cancer Maine (EuC Endocrine Disruptor dyes and pesticides, preparation of dental materials & bone cements period & concerding of dystuffs, insecticides period of dental materials & bone consection and materials & bone cements period & concerding of dystuffs, insecticides				Toxic (PBT) or very			
N.N-Dimetryl-p-toluidine N.N-Dimetryl-p-toluidine N.N-Dimetryl-p-toluidine Cancer ARC-2B				Persistent, very			High Production
99-97-8 Cancer Cancer LARC-2B Cancer LARC-2B Cancer LARC-2B Cancer LARC-2B Cancer Cancer Cancer Cancer Cancer Maine (EuC Endocrine Disruptor of dental materials & bone cements) Maine (EuC Endocrine Disruptor of dental materials & bone cements) Priority List); WA Appen1 Liver Maine (CA Prop 65); WA Appen1 Chemical mig of dyestuffs, insecticides) Intermediate for dyes, antioxidants, pesticides, insecticides Intermediate for dyes, antioxidants, pesticides Intermediate in manufacture of synthetic colorant chemicals, subter of synthetic colorant chemicals which are used in some cosmetics and may therefore occur as a residue in colored products. 100-17-4 para-Nitroanisole Cancer Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes 100-40-3 4-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Polymers, organic chemical synthesis, dyes Namine (CA Prop 65); WA Appen1 Synthesis x synthes	CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
99-97-8 Cancer LARC-2B LARC	Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
99-97-8 Cancer IARC-2B chemical intermediate for dyes and pesticides, preparation of dental materials & bone cements Production of dyes, agricultural chemicals, rubber chemicals 100-00-5 1-Chloro-4-nitrobenzene Cancer Maine (CA Prop 65); WA Appen1 Intermediate for dyes, agricultural chemicals, rubber chemicals 100-01-6 4 - Nitrobenzenamine Liver HSDB; NTP; WA Appen1 Intermediate for dyes, antioxidants, pesticides		N,N-Dimethyl-p-toluidine				industrial glues, artificial	
99-99-0 4-Nitrotoluene Endocrine system Priority List); WA Appen1 100-00-5 1-Chloro-4-nitrobenzene Cancer Maine (CA Prop 65); WA Appen1 Chemical migroty desturits, insecticides intermediate for dyes, arabet chemicals rubber chemicals intermediate for dyes, arabet colorant chemicals rubber consensus Name (CA Prop 65); WA Appen1 Intermediate for dyes, arabet colorant chemicals proposed for synthetic colorant chemicals rubber colorant chemicals in colored products. Name (CA Prop 65); WA Appen1 Organic chemical swinkin are used in some cosmetics and may therefore occur as a residue in colored products. Name (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes A-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes A-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Cancer, Development, Kidney, Liver Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HBV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HBV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HBV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HBV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HBV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Pill HR ROC); WA Appen1 Maine (CA Prop 65); WA Pill HR ROC); WA Appen1 Maine (CA Prop 65); WA Pill HR ROC); WA Appen1 Maine (CA Prop 65); WA Pill HR ROC); WA Appen1 Maine (CA Prop 65); WA Pill HR ROC); WA Appen1 Maine						fingernail preparations,	
dyes and pesticides, preparation of dental materials & bone cements 99-99-0 4-Nitrotoluene Endocrine system Priority List); WA Appen1 100-00-5 1-Chloro-4-nitrobenzene Cancer Maine (CA Prop 65); WA Appen1 Intermediate for dyes, antioxidants, pesticides Intermediate in manufacture of synthetic colorant chemicals within are used in some cosmetics and may therefore occur as a residue in colored products. 100-01-6 4-Nitrobenzenamine Cancer Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes 100-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Granic chemical synthesis, dyes 100-40-3 4-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Endocrine system, Kidney, Liver Minnesota HRV; Minnes	99-97-8		Cancer		IARC-2B	chemical intermediate for	
Maine (EuC Endocrine Disruptor Production of dyes, agricultural chemicals, uubber chemicals Production of dyes, agricultural chemicals Production of dyes, uubber chemicals Production Production of Synthetic colorant Production Production of Synthetic colorant Production of Synthetic Production of Synthetic Production of Synthetic Production Production of Synthetic Production of Synthet	33-37-8		Cancer		IAIC-2B	dyes and pesticides,	
99-99-0 4-Nitrotoluene Endocrine system Priority List); WA Appen1 Priority List); WA Appen1 100-00-5 1-Chloro-4-nitrobenzene Cancer Maine (CA Prop 65); WA Appen1 Intermediate for dyes, antioxidants, pesticides Intermediate in manufacture of synthetic colorant chemicals with a reused in some cosmetics and may therefore occur as a residue in colored products. 100-17-4 para-Nitroanisole Cancer Reproduction A-Vinylcyclohexene Cancer, Reproduction Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes dyes 100-41-4 Ethylbenzene Cancer, Development, Kidney, Liver Endocrine system, Respiratory system Respiratory system Respiratory system Respiratory system Maine (CA Prop 65); WA Appen1; Production of synthetic rubber, precursor to styrene Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV; Respiratory system Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (ELU Endocrine Disruptor Priority List); WA Manufacture of benzyl compounds, photographic developer Maine (CA Prop 65; MAC; RIS); WA Manufacture of benzyl compounds, photographic developer Maine (CA Prop 65; MAC; RIS); WA Appen1 Triphenyl phosphite Nervous system, Skip Chemical intermediate, X						preparation of dental	
99-9-0 4-Nitrotoluene Endocrine system Priority List); WA Appen1 agricultural chemicals, rubber chemicals, rubber chemicals (100-00-5). 1-Chloro-4-nitrobenzene Cancer Maine (CA Prop 65); WA Appen1 Chemical mg of dyestuffs, insecticides intermediate for dyes, antitoxidants, pesticides antitoxidants, pesticides antitoxidants, pesticides intermediate in manufacture of synthetic colorant chemicals which are used in some cosmetics and may therefore occur as a residue in colored products. 100-17-4 para-Nitroanisole Cancer Maine (CA Prop 65); WA Appen1 Organic chemical synthesis of dyes. 100-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis. 100-40-3 d-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Polymers, organic chemical synthesis of the synthesis o						materials & bone cements	
100-00-5 1-Chloro-4-nitrobenzene Cancer Maine (CA Prop 65); WA Appen1 Insecticides Intermediate for dyes, antioxidants, pesticides Intermediate in manufacture of synthetic colorant chemicals which are used in some cosmetics and may therefore occur as a residue in colored products. 100-17-4 para-Nitroanisole Cancer Reproduction Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes Organic chemical synthesis, dyes Organic chemical synthesis, dyes A-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Synthesis A Winnesota HRV; Wa CHCC; Minnesota HRV; Wa ChCC; Minnesota HRV; Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA Appen1 Appen					Maine (EuC Endocrine Disruptor	Production of dyes,	
100-01-5 1-Chloro-4-nitrobenzene Cancer Maine (CA Prop 65); WA Appen1 Chemical mfg of dyestuffs, insecticides 100-01-6 4 - Nitrobenzenamine Liver HSDB; NTP; WA Appen1 Intermediate for dyes, antioxidants, pesticides 100-17-4 para-Nitroanisole Cancer IARC 2B Intermediate in manufacture of synthetic colorant chemicals which are used in some cosmetics and may therefore occur as a residue in colored products. 100-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes 100-40-3 4-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Production of synthetic value of synthetic value of synthetic value of synthesis synthe	99-99-0	4-Nitrotoluene	Endocrine system		Priority List); WA Appen1	agricultural chemicals,	
100-01-6 4 - Nitrobenzenamine Liver HSDB; NTP; WA Appen1 Intermediate for dyes, antioxidants, pesticides x							
100-01-6 4 - Nitrobenzenamine	100-00-5	1-Chloro-4-nitrohenzene	Cancer		Maine (CA Prop 65); WA Appen1	Chemical mfg of dyestuffs,	
100-17-4 para-Nitroanisole Cancer IARC 2B Intermediate in manufacture of synthetic colorant chemicals which are used in some cosmetics and may therefore occur as a residue in colored products. 100-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes 4-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Production of synthetic rubber, precursor to styrene Kidney, Liver Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HBV Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-42-5 Styrene Endocrine system, Respiratory system Cancer Maine (CA Prop 65; IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-44-7 Benzyl chloride Cancer Maine (CA Prop 65; NTP 11th ROC); WA Appen1 Triphenyl phosphite Nervous system, Skin Nervous system, Skin Nervous system, Skin Nervous system, Skin Chemical intermediate,	100 00 3	1 chioro i incroscrizente	Curicer				
Intermediate in manufacture of synthetic colorant chemicals which are used in some cosmetics and may therefore occur as a residue in colored products.	100-01-6	4 - Nitrobenzenamine	Liver		HSDB; NTP; WA Appen1	• •	×
Dara-Nitroanisole Cancer LARC 2B LARC 2B Cancer LARC 2B Cancer Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes Polymers, organic chemical synthesis, dyes 100-40-3 4-Vinylcyclohexene Cancer, Reproduction Cancer, Development, Kidney, Liver Cancer, Development, Kidney, Liver Ethylbenzene Cancer, Development, Kidney, Liver Endocrine system, Eyes, Nervous system, Respiratory system Peys, Nervous system, Respiratory system Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HRV Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65; LARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-44-7 Benzyl chloride Cancer Maine (CA Prop 65; NARC; IRIS); WA Manufacture of benzyl compounds, photographic developer Nervous system, Maine (CA Prop 65) Main	100 01 0	1 Will obelize in in inc	Livei			antioxidants, pesticides	~
Dara-Nitroanisole Cancer LARC 2B LARC 2B Cancer LARC 2B Cancer Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes Polymers, organic chemical synthesis, dyes 100-40-3 4-Vinylcyclohexene Cancer, Reproduction Cancer, Development, Kidney, Liver Cancer, Development, Kidney, Liver Ethylbenzene Cancer, Development, Kidney, Liver Endocrine system, Eyes, Nervous system, Respiratory system Peys, Nervous system, Respiratory system Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HRV Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65; LARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-44-7 Benzyl chloride Cancer Maine (CA Prop 65; NARC; IRIS); WA Manufacture of benzyl compounds, photographic developer Nervous system, Maine (CA Prop 65) Main						Intermediate in manufacture	
100-17-4 para-Nitroanisole Cancer IARC 2B Chemicals which are used in some cosmetics and may therefore occur as a residue in colored products. 100-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes dyes Polymers, organic chemical synthesis synthesis X Maine (CA Prop 65); WA Appen1 Production of synthetic rubber, precursor to styrene Ethylbenzene Cancer, Development, Kidney, Liver Cancer, Development, Kidney, Liver Endocrine system, Endocrine System, Respiratory system, Respiratory system Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (Eu C Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65); IARC; IRIS); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65; IARC; IRIS); WA Appen1; WA CHCC; Minnesota HRV Maine (CA Prop 65; IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-42-7 Benzyl chloride Cancer Maine (CA Prop 65) N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); WA Appen1 N-Nitrosopiperidine Nervous system, Skin Nervous system Skin Nervous system Skin Nervous system Skin Chemical intermediate,							
Some cosmetics and may therefore occur as a residue in colored products.						· ·	
therefore occur as a residue in colored products. 100-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes 100-40-3 4-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Polymers, organic chemical synthesis synthesis 100-41-4 Ethylbenzene Cancer, Development, Kidney, Liver Minnesota HRV; Minnesota HRV Minnesota HRV Minnesota HRV 100-42-5 Styrene Endocrine system, Eyes, Nervous system, Respiratory system Appen1; WA CHCC; Minnesota HRV 100-44-7 Benzyl chloride Cancer Maine (CA Prop 65; IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65; NTP 11th ROC); Mainesota HRV M	100-17-4	para-Nitroanisole	Cancer		IARC 2B	some cosmetics and may	
in colored products. 100-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes						•	
Do-25-4 p-Dinitrobenzene Reproduction Maine (CA Prop 65); WA Appen1 Organic chemical synthesis, dyes							
100-40-3						·	
100-40-3 4-Vinylcyclohexene Cancer, Reproduction Maine (CA Prop 65); WA Appen1 Polymers, organic chemical synthesis	100-25-4	p-Dinitrobenzene	Reproduction		Maine (CA Prop 65); WA Appen1		
Cancer, Reproduction Synthesis X		·	·			•	
Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV; Minnesota HBV	100-40-3	4-Vinylcyclohexene	Cancer, Reproduction		Maine (CA Prop 65); WA Appen1		x
Ethylbenzene Cancer, Development, Kidney, Liver WA CHCC; Minnesota HRV; minnesota HRV; Minnesota HRV; Minnesota HRV; Minnesota HRV; Minnesota HRV; Minnesota HRV WA CHCC; Minnesota HRV Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRV Maine (CHCC; Minnesota HRV Maine (CHCC; Minnesota HRV Maine (CA Prop 65; IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer Maine (CA Prop 65) 100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) Maine (CA Prop 65; NTP 11th ROC); Research 100-75-4 N-Nitrosopiperidine Cancer WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin HSDB Chemical intermediate,						· '	
Kidney, Liver Kidney, Liver Kidney, Liver Kidney, Liver Kidney, Liver Kidney, Liver Minnesota HRV; Minnes			Cancer, Development,			•	
Endocrine system, Eyes, Nervous system, Respiratory system	100-41-4	Ethylbenzene			1	rubber, precursor to styrene	X
Styrene Endocrine system, Eyes, Nervous system, Respiratory system Maine (CA Prop 65; IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-44-7 Benzyl chloride Cancer Maine (CA Prop 65; IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) Maine (CA Prop 65; NTP 11th ROC); Research WA Appen1 101-02-0 Triphenyl phosphite Nervous system, Skin						aac I ii lil i i i	
100-42-5 Styrene Eyes, Nervous system, Respiratory system 100-44-7 Benzyl chloride Cancer Appen1 Maine (CA Prop 65; IARC; IRIS); WA Appen1 compounds, photographic developer 100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) 100-75-4 N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); Research 101-02-0 Triphenyl phosphite Nervous system. Skin			Endocrine system,				
Respiratory system Maine (CA Prop 65; IARC; IRIS); WA Manufacture of benzyl compounds, photographic developer 100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) 100-75-4 N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin	100-42-5	Styrene	Eyes, Nervous system,			food flavoring	x
100-44-7 Benzyl chloride Cancer Appen1 compounds, photographic x developer 100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) 100-75-4 N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); Research WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin			Respiratory system		CHCC; Minnesota HRV		
100-44-7 Benzyl chloride Cancer Appen1 compounds, photographic x developer 100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) 100-75-4 N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); Research WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin					Maine (CA Bron 65: IABC: IBIS), WA	Manufacture of banad	
100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) 100-75-4 N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); Research WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin	100 44 7	Donzyl shlorida	Common		, , , , , , , , , , , , , , , , , , , ,	•	
100-63-0 Phenylhydrazine Cancer Maine (CA Prop 65) 100-75-4 N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); Research WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin	100-44-7	Benzyi Cilioride	Cancer		Appeni		×
100-75-4 N-Nitrosopiperidine Cancer Maine (CA Prop 65; NTP 11th ROC); Research WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin	100-63-0	Phenylhydrazine	Cancer		Maine (CA Prop 65)	uevelupei	
100-75-4 N-Nitrosopiperidine Cancer WA Appen1 101-02-0 Triphenyl phosphite Nervous system. Skin	100-03-0	Thenymyurazine	Cancer			Research	
101-02-0 Triphenyl phosphite Nervous system. Skin HSDB Chemical intermediate,	100-75-4	N-Nitrosopiperidine	Cancer		, , , , , , , , , , , , , , , , , , , ,	incocurcii	
1101-02-0 Triphenyl phosphite Nervous system. Skin						Chemical intermediate	
Iruhhar inductry	101-02-0	Triphenyl phosphite	Nervous system, Skin			rubber industry	Х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
101-14-4	4,4'-Methylene bis(2-chloroaniline)	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Curing agent for epoxy resins	х
101-20-2	Urea, N-(4-chlorophenyl)-N'-(3,4-dichlorophenyl)- (Triclocarban)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Disinfectant	
101-21-3	Chlorpropham	Spleen		IRIS; WA Appen1	Pesticide	
101-53-1	Phenyl-4-hydroxyphenylmethane = 4- Benzylphenol (p-Benzylphenol)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
101-55-3	4-Bromophenyl phenyl ether		х	Maine (NWM Priority Chemicals); WA Appen1	Research, flame retardant	
101-61-1	4,4'-Methylene bis(N,N-dimethyl)benzenamine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1	Chemical intermediate for dyes, reagent	
101-68-8	Methylenebis (4-Phenylisocyanate)	Respiratory system		WA Appen1; Minnesota HRV	Coatings, resins, spandex, gums	х
101-76-8	benzene, 1,1'-methylenebis[4-chloro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
101-77-9	4,4'-Methylenedianiline	Cancer		Maine (CA Prop 65; NTP 11th ROC; ECHA Substances of Very High Concern); WA Appen1	Production of isocynates, polyisocyantes for polyurethane foam, preparation of azo dyes	x
101-80-4	4,4'-Diaminodiphenyl ether (4,4'- Oxydianiline)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate for polyimide polyester-imide resins	х
101-81-5	benzene, 1,1'-methylenebis-		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Dyes, perfumes, manufacture of hexachlorophene	
101-86-0	alpha-Hexylcinnamaldehyde	Skin		EPA - RBP	Soaps	Х
101-90-6	Diglycidyl resorcinol ether (DGRE)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Epoxy resins, curing agent for polysulfide rubber	
102-01-2	Acetoacetanilide	Blood		OECD - SIDS/SIAR	Manufacturing of yellow dyes, pesticide mfg	х
102-06-7	1,3-Diphenylguanidine	Reproduction		OECD - SIDS/SIAR	Vulcanization accelerator	х
103-11-7	2-Ethylhexyl acrylate	Cancer		IARC-2B	pressure-sensitive adhesives, latex paint resin, paper coating resin, textile finishing	×
103-33-3	Azobenzene	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Manufacture of dyes, rubber accelerators, dyes	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
104-40-5	phenol, 4-nonyl-	Endocrine system	x	Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1; WA CHCC	Co-stabilizer with mixed- metal stabilizers, phenolic resins	
104-55-2	2-Propenal, 3-phenyl- (Cinnamaldehyde)	Skin		EPA - RBP	Flavoring agent, corrosion inhibitor	х
105-60-2	Caprolactam	Reproduction		IRIS; WA Appen1	Manufacture of synthetic fibers, like nylon 6; bristles, coatings, plasticizers	х
106-37-6	1,4-Dibromobenzene	Liver		IRIS; WA Appen1	Organic synthesis of dyestuffs and pharmaceuticals	
106-44-5	p-cresols	Eyes, Skin		WA Appen1; HSDB; OECD - SIDS/SIAR; Minnesota HRL	Chemical intermediate of tricresyl and cresyl diphenyl	x
106-46-7	p-Dichlorobenzene	Cancer, Liver		Maine (CA Prop 65; NTP 11th ROC); WA Appen1; Minnesota HRL; Minnesota HRV	Odor control, disinfectant, chemical intermediate, lubricant	х
106-47-8	p-Chloroaniline	Cancer		Maine (CA Prop 65); WA Appen1; WA CHCC	Chemical intermediate	
106-50-3	1,4-Benzenediamine	Eyes, Respiratory system, Skin		HSDB; WA Appen1	Hair dye, dyeing furs, photochemicals	х
106-87-6	4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexenedioxide)	Cancer, Reproduction		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Polymer organic synthesis	
106-88-7	1,2-Epoxybutane	Respiratory system		WA Appen1; Minnesota HRV	Scavenger for chlorine- containing materials, corrosion inhibitor	х
106-89-8	Epichlorohydrin	Cancer, Endocrine system, Reproduction		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List; IARC; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Epoxy resins, fumigant	×
106-91-2	Glycidyl methacrylate	Cancer		IARC 2A	Used in manufacture of vinyl/acrylic resins which are used as industrial powder and metal coatings for household appliances, facades, and automotives. Also used in dental sealants and medical adhesives.	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
106-93-4	Ethylene dibromide	Cancer, Development, Reproduction		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC; EuC Endocrine Disruptor Priority List); WA Appen1; Minnesota HRL; Minnesota HRV	Exhaust system scavenging for lead, fumigant, solvent	
106-94-5	1-Bromopropane	Development, Reproduction		Maine (CA Prop 65; NTP CERHR); WA Appen1	Solvent for fats, waxes or resins, chemical intermediate for pharmaceuticals, insecticides	x
106-97-8	butane (containing 0.1 % butadiene (203-450-8))	Cancer		Maine (EU Carcinogen)	Aerosol propellant, fuel, natural gas, liquefied petroleum gas, home maintenance products, spray paint	х
106-99-0	1,3-Butadiene	Cancer, Development, Reproduction		Maine (CA Prop 65; IARC; EU Carcinogen; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Combustion, tobacco smoke, polymers, synthetic rubber, plastics, resins	х
107-02-8	2-Propenal (Acrolein)	Eyes, Respiratory system		WA Appen1; Minnesota HRV	Pesticide, biocide, mfg of plastics, perfumes	х
107-05-1	Allyl chloride	Nervous system		WA Appen1; Minnesota HRL; Minnesota HRV	Synthesis of allyl compounds, thermoset resins, and pesticides	x
107-06-2	Ethylene dichloride (1,2- Dichloroethane)	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRL	Solvent, degreaser compounds, in cosmetics	х
107-13-1	Acrylonitrile	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRV	Surface coatings, resins, acrylic fibers	х
107-15-3	Ethylenediamine	Eyes, Kidney, Respiratory system, Skin		OECD - SIDS/SIAR; WA Appen1	Production of chelating agents, polyamide resins, gasoline and oil additives, solvent, dye preparation, synthetic waxes, detergents, paint, lubricant	х
107-18-6	2-Propen-1-ol (Allyl alcohol)	Kidney, Liver		OECD - SIDS/SIAR; WA Appen1	Manufacture of flavorings, perfumes, fire retardants	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				IRIS; WA Appen1	Corrosion inhibitor, rust	
107-19-7	Propargyl alcohol	Kidney, Liver			inhibitor, prevent hydrogen	Х
					embrittlement of steel	
				Cal Prop 65	antifreeze; dewatering	
107-21-1	Ethylene glycol (ingested)	Developmental			agent; solvent in paint and	Х
					plastic industries; coolant	
				OECD - SIDS/SIAR	Intermediate for agriculture	
107-29-9	Acetaldehyde Oxime	Blood, Eyes, Spleen			chemical production	X
				Maine (CA Prop 65; IARC; EU	Alkylating agent and solvent	
107-30-2	Chloromethyl methyl ether (technical	Cancer		Carcinogen; IRIS; NTP 11th ROC);	in water repellents mfg,	х
	grade)			WA Appen1	chloromethylated	
					compounds	
				WA Appen1; Minnesota HRV	Plastic, films, lacquers, food	
108-05-4	Vinyl acetate	Respiratory system			packaging, safety glass	x
200 00 .	,, acctate	nespiratory system			interlay, polymers for	^
					coating	
				IARC 2B	solvent and denaturant in	
108-10-1	Methyl isobutyl ketone (MIBK)	Cancer			cosmetics, synthetic	X
					flavouring substances	
				HSDB; IRIS; WA Appen1	Chemical manufacturing,	
108-31-6	Maleic anhydride	Eyes, Kidney			ingredient in bonding agents	X
				HSDB; WA Appen1	Solvent, intermediate for	
108-38-3	m - xylene	Nervous system			dyes, pesticides, aviation	х
	,	ŕ			fuel, paint primer, wood	
				IDIS 14/4 A	finish	
108-45-2	m-Phenylenediamine	Liver		IRIS; WA Appen1	Dyes, rubber curing agents,	x
	·			Marine /Fu C Forder vive Bismonton	textile fibers, hair dyes	
100 46 3	Recording	Endocrine suctors		Maine (EuC Endocrine Disruptor	Tanning, resins, resin	ι
108-46-3	Resorcinol	Endocrine system		Priority List); WA Appen1	adhesives, photography,	Х
				IDIC: WA Appoint	pharmaceutical	
100 60 1	Dis/2 chlore 1 methylathyl) ath a	Diesel		IRIS; WA Appen1	Chemical intermediate in	
108-60-1	Bis(2-chloro-1-methylethyl) ether	Blood			dye mfg, pharmaceuticals,	
				Maine (OCDAD Charaital and	resins	
				Maine (OSPAR Chemicals of	Dye solvent, degreasing	
108-70-3	1,3,5-trichlorobenzene		х	Concern; OSPAR Chemicals for	solvent, dielectric fluid,	
				Priority Action); WA Appen1	lubricant additive,	
					insecticide	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Histor Burnel continue
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
		Development,		OECD - SIDS/SIAR	Dyestuffs, herbicides, optical	
108-77-0	Cyanuric chloride	Respiratory system,			brighteners	x
		Skin				
	Melamine				laminates, plastics, coatings,	
108-78-1		Cancer		IARC-2B	commercial filters,	x
					adhesives, tableware	
		Fues Development		Maine (CA Dree CE): MA Append	Dues points lessuers into	
		Eyes, Development,		Maine (CA Prop 65); WA Appen1;	Dyes, paints, lacquers, inks, fabric	
108-88-3	Toluene	Immune system,		WA CHCC; Minnesota HRL; Minnesota HBV	Tabric	x
		Nervous system,		Iviinnesota HBV		
		Respiratory system		WA Appen1; Minnesota HRL	Manufacturing of phenol,	
108-90-7	Chlorobenzene	Liver		WA Appent, Millinesota HKL	aniline, DDT, paints, dry-	x
108-90-7	Chiorobenzene	Livei			cleaning	^
				HSDB; IRIS; WA Appen1	In org synthesis,	
				nobb, mo, wa appeni	manufacture of insecticides.	
108-91-8	Cyclohexlamine	Reproduction, Skin			plasticizers, emulsifying	x
100 31 0	Cyclonexiamme	Reproduction, skin			agents, dry-cleaning soaps	^
					agents, ary cicaring soups	
				WA Appen1; WA CHCC; Minnesota	Disinfectants, chemical	
100.05.3		Development, Eyes,		HRL; Minnesota HRV	intermediate for	
108-95-2	Phenol	Respiratory system			caprolactam, biphenyl A,	X
					phenolic resins	
109-09-1	2-Chloropyridine	Development, Liver		EPA - RBP	Chemical mfg	X
		Respiratory system,		OECD - SIDS/SIAR	Corrosion inhibitor,	
109-55-7	3-Aminopropyldimethylamine	Skin			surfactants, liquid soaps,	x
		JKIII			water treatment	
				OECD - SIDS/SIAR; WA Appen1	Solvent, production of	
109-69-3	1-chlorobutane	Reproduction			organolithium compound,	X
					butylating agent	
				Maine (CA Prop 65); WA Appen1;	Solvent for low viscosity	
		Blood, Cancer,		WA CHCC; Minnesota HRV	cellulose acetate, natural	
109-86-4	Ethylene glycol monomethyl ether	Reproduction			resins, dyeing leather,	X
					perfume fixative,	
					photographic film	
100 00 7	S	Eyes, Respiratory		HSDB; NTP	Rubber chemicals, textile	
109-89-7	Diethylamine	system, Skin			specialties, selective solvent,	X
					dyes, resins	



CAS			Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative		Use Example(s) and/or	High Production Volume (HPV)
Number	Chemical Name Tetrahydrofuran	Cancer	(vPvB)	Source(s)	chemical Class polish and cleaning agent, adhesives, stain, paint, varnish removers, sealants, lubricating oils, coating products, pharmaceuticals, polymer production solvent, synthetic perfumes, insecticides, printing inks, dyes, lacquers, PVC cement	Chemical ¹
110-00-9	Furan	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate for tetrahydrofuran, used in production of pharmaceuticals, agriculture chemicals, formation of lacquers, solvent for resins	х
110-49-6	Ethylene glycol monomethyl ether acetate	Development, Reproduction		Maine (CA Prop 65); WA Appen1	Solvent for nitrocellulose, various gums, resins, silkscreening inks, industrial solvent	
110-54-3	n-hexane	Nervous system		WA Appen1; Minnesota HRL; Minnesota HRV	Solvent for extraction of oils, thermometers, cleaning agent, abused chemical	х
110-65-6	1,4-Butynediol	Eyes, Kidney, Liver, Respiratory system, Skin		HSDB; WA Appen1	Hydrogenation to butanaediol and betenediol intermediate of synthesis of polyols, insecticides, pharmaceuticals, paint, corrosion inhibitor	x
110-71-4	Ethane, 1,2-dimethoxy- (also known as 1,2-Dimethoxyethane, or Monoglyme)	Adrenal gland, Blood, Development, Reproduction, Thymus		EPA - RBP	Industrial solvent, in lithium batteries, coatings	×
110-80-5	Ethylene glycol monoethyl ether	Development, Reproduction		Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRV	Solvent for nitrocellulose, lacquers and dopes, in varnish removers, cleansing solution, printing inks	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Himb Dundunting
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
110-86-1	Pyridine	Cancer		Maine (CA Prop 65); WA Appen1	Pharmaceuticals, vitamins,	x
	,				flavoring, water proofing	
				Maine (CA Prop 65); WA Appen1;	In automobile lacquers,	
	Ethylene glycol monoethyl ether	Development,		Minnesota HRV	chemical intermediate for	
111-15-9	acetate	Reproduction			synthesis of 2-ethoxyethyl	Х
		.,			cyanoacrylate, solvent in	
					paints, inks	
					cosmetics and personal care	
					products; washing &	
111-30-8	glutaral	Respiratory sensitising		ECHA Substance of Very High	cleaning products, biocides,	x
	8			Concern	and leather treatment	
					products (source: SVHC	
					listing)	
				OECD- SIDS/SIAR	Chemical intermediate for	
111-41-1	2-(2-aminoethylamino)ethanol	Development, Skin			surfactants, personal care	x
	(AEEA)				products, pharmaceuticals,	
					cleaning agents	
				IARC 2B	soaps, shampoos, cosmetics,	
111-42-2	Diethanolamine	Cancer			cleaners, chemical	x
					intermediate, humectant,	
					softening agent	
				Maine (CA Prop 65; IRIS); WA	Reagent, solvent, scavenge	
111-44-4	Bis(2-chloroethyl)ether	Cancer		Appen1; Minnesota HRL	lead deposits in gasoline,	Х
					anesthetic, pesticide mfg	
				WA Appen1; Minnesota HRV	In hydraulic fluids, coupling	
111-76-2	2-butoxyethanol	Blood			agent in water-based	Х
					coatings, acetate esters	
				EPA - RBP	Specialty solvent, production	
					of plastics, manufacture of	
111-96-6	(bis(2-methoxyethyl)ether (Diglyme)	Blood, Development			semiconductor chips,	Х
					sealants	
	1.2			ECHA Colorto and affiliation		
112-49-2	1,2-bis(2-methoxyethoxy)ethane	Reproduction		ECHA Substances of Very High	solvent	
	(TEGDME; triglyme)			Concern OFCD SIDS/SIAB	Solvent for sulfur, acid	
				OECD - SIDS/SIAR	1	
112-57-2	Tetraethylenepentamine (TEPA)	Skin			gases, various resins and	x
					dyes, saponifying agent for	
114 26 1	Dranavius	Committee		Mains (CA Press CE) M/A Arrival	acidic materials	
114-26-1	Propoxur	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
115-27-5	4,7-methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant in unsaturated polyester resins, hardener for epoxy resins, polymers for building materials	
115-28-6	Chlorendic acid	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Flame retardant	
115-29-7	Endosulfan	Endocrine system	х	Maine (EU PBT List; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Pesticide (EPA phase-out proposed)	
115-32-2	Dicofol	Endocrine system	х	Maine (EPA Final PBT Rule for TRI; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1; Oregon P3 List	Pesticide	
115-39-9	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2,6-dibromo-, S,S-dioxide		х	Maine (Canada PBiT); WA Appen1	Indicator dye	
115-40-2	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2-bromo-6-methyl-, S,S-dioxide		x	Maine (Canada PBiT); WA Appen1	pH indicator dye	
115-86-6	Triphenyl phosphate (TPP)	Reproductive; Endocrine System; Developmental		Washington CHCC	flame retardant; nail polish	х
115-96-8	Tris(2-chloroethyl) phosphate	Cancer, Reproduction		Maine (CA Prop 65); WA Appen1; WA CHCC; ECHA Substances of Very High Concern	Additive plasticizer and viscosity regulator with flame-retarding properties, in flexible urethane foam	
116-06-3	Aldicarb	Nervous system		WA Appen1; Minnesota HRL	Pesticide	
116-14-3	Tetrafluoroethylene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Preparation of propellants for food product aerosols, monomer for polytetrafluoroethylene resins	x
116-29-0	benzene, 1,2,4-trichloro-5-[(4- chlorophenyl)sulfonyl]-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticides (EPA reg. cancelled)	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
	1H-indene, 2,3-dihydro-1,1,3,3,5-			Maine (OSPAR Chemicals of	PAH (chem-class)- musk	
116-66-5	pentamethyl-4,6-dinitro- (Moskene)		Х	Concern; Canada PBiT); WA	compound	
				Appen1		
117-10-2	Dantron (Chrysazin; 1,8-	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
	Dihydroxyanthraquinone)			WA Appen1	lubricant, fungicide	
117-79-3	2-Aminoanthraquinone	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
				WA Appen1	dyes	
				Maine (CA Prop 65; IRIS; NTP 11th	Plastics, imitation leather,	
				ROC; NTP CERHR; OSPAR Chemicals		
	1,2-benzenedicarboxylic acid, bis(2-	Cancer, Development,		of Concern; EuC Endocrine	upholstery, flooring	
117-81-7	ethylhexyl) ester (DEHP) (DOP)	Endocrine system,	Х	Disruptor Priority List; ECHA		х
	(phthalate)	Reproduction		Substances of Very High Concern);		
				WA Appen1; Minnesota HRL-EPA-		
	Dia/2 manth association () which alots			MCL FOUN Substances of Versillish	ula atiain a u	
117-82-8	Bis(2-methoxyethyl) phthalate	Reproduction		ECHA Substances of Very High	plasticizer	
	(DMEP)			Concern	Common plasticizer, found	
					in children's products	
		Liver, kidney, thyroid			including foam toys, pvc	
117-84-0		and immune system		Washington CHCC; Oregon HPCCCH	soap containers, packaging	
		effects			for cosmetics, marker pens	
	Di-n-octyl phthalate (DnOP)				(WA CHCC)	
	Di ii decyi pinendidee (bilot)			Maine (CA Prop 65; IRIS; NTP 11th	Pesticide (EPA reg.	
				ROC; OSPAR Chemicals of Concern;		
				EuC Endocrine Disruptor Priority	, , , , , , , , , , , , , , , , , , ,	
				List; EPA Final PBT Rule for TRI; TRI		
118-74-1	Hexachlorobenzene	Cancer, Development,	x	PBT Chemical List; EPA Priority PBT;		
		Endocrine system		NWM Priority Chemicals; WA PBT		
				List; Canada PBiT); WA Appen1;		
				WA CHCC; Oregon P3 List;		
				Minnesota HRL		
118-79-6	2,4,6-tribromophenol	Eyes, Kidney		OECD - SIDS/SIAR	Flame retardant	х
118-96-7	2,4.6-Trinitrotoluene (TNT)	Cancer		CA Prop 65; WA Appen1	Explosive	Х
				Maine (CA Prop 65); WA Appen1	Dyeing furs, hair dyes,	
119-34-6	4-Amino-2-nitrophenol	Cancer			etching copper printing	
					plates	
119-47-1	6,6'-di-tert-butyl-2,2'-methylenedi-p-	Reproduction		OECD - SIDS/SIAR	Stabilizer, antioxidant in	×
113 47 1	cresol	Acproduction			rubber industry	^



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				NTP	Fixative for heavy perfumes,	
					paints, lacquers, varnish,	
119-61-9	Benzophenone	Kidney, Liver			cosmetics, UV absorbers,	х
					occurs naturally in some	
					foods	
119-64-2	1,2,3,4-Tetrahydronaphthalene	Blood, Skin, Spleen		OECD - SIDS/SIAR	Solvent and industrial	x
113 0 1 2	(Tetralin)	Biood, Skirr, Spiceri			intermediate	^
	3,3'-Dimethoxybenzidine (o-			Maine (CA Prop 65; NTP 11th ROC);		
119-90-4	Dianisidine)	Cancer		WA Appen1	used in dyeing leather,	
	Diamsianicy				paper plastic	
	3,3'-Dimethylbenzidine (ortho-			Maine (CA Prop 65; NTP 11th ROC);		
119-93-7	Tolidine)	Cancer		WA Appen1; WA CHCC	azo dyes, curing agent for	
	Tonumey				urethane resins	
				Maine (NWM Priority Chemicals;	Production of	
				EU PBT List; OSPAR Chemicals of	anthraquinone, for dyes, syn	
120-12-7	Anthracene		Х	Concern; ECHA Substances of Very	fibers, plastics, dyes,	
				High Concern); WA Appen1;		
				Oregon P3 List; Minnesota HRL		
				Maine (EuC Endocrine Disruptor	Preservative	
120-47-8	Ethyl 4-hydroxybenzoate	Endocrine system		Priority List); WA Appen1; WA		
				СНСС		
120-71-8	p-Cresidine	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
120 / 1 0	p cresiume	Curicer		WA Appen1	dyes	
				Maine (CA Prop 65); WA Appen1	Antioxidant in rubber,	
					chemical, photographic, dye,	
120-80-9	Catechol	Cancer			fat, oil, anti-fungal	Х
					preservative, photographic	
					developer	
				Maine (NWM Priority Chemicals;	Dye carrier, degreasing	
120-82-1	1,2,4-Trichlorobenzene		x	EU PBT List; OSPAR Chemicals of	agent, pesticide (not EPA	x
	,,			Concern; OSPAR Chemicals for	registered)	
				Priority Action); WA Appen1		
				WA Appen1; Minnesota HRL	Synthesis of antihelminthics,	
					feedstock for mothproofing	
120-83-2	2,4-Dichlorophenol	Immune system			antiseptics, organic chemical	х
					synthesis	
				Maine (OSDAR Chamicals of	Chamical intermediate for	
120-95-6	phenol, 2,4-bis(1,1-dimethylpropyl)-		х	Maine (OSPAR Chemicals of	Chemical intermediate for	x
I		i	1	Concern); WA Appen1	aryl acid chlorides	1



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Histor Boardoodian
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
121-14-2	benzene, 1-methyl-2,4-dinitro- 9 (2,4- Dinitrotoluene)	Cancer, Reproduction	х	Maine (CA Prop 65; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern	Chemicals intermediate for gelatinizing and waterproofing agent, explosives intermediate, rubber chemicals, plastics mfg	
121-69-7	N-N-Dimethylaniline	Blood, Spleen		IRIS; WA Appen1	Manufacture of dyes, vanillin	
121-75-5	Malathion	Nervous system		IRIS; WA Appen1	Pesticide	
121-82-4	Cyclonite (RDX)	Reproduction		ATSDR; HSDB; WA Appen1	Explosive, rat poison, base charge for detonators	х
122-14-5	Fenitrothion	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
122-34-9	Simazine	Blood		WA Appen1; Minnesota HRL-EPA - MCL	Pesticide	
122-39-4	N,N-Diphenylamine	Kidney, Liver		IRIS; WA Appen1	Mfg dyes, rubber antioxidants and stabilizers	х
122-42-9	Propham	Nervous system, Spleen		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
122-60-1	Phenyl glycidyl ether	Cancer		Maine (CA Prop 65); WA Appen1; IARC 2B	Stabilizer of halogenated compounds, plasticizer for epoxy resins, monomer for photoreactive polymers	
122-66-7	Hydrazobenzene (1,2- Diphenylhydrazine)	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1	Chemical intermediate for benzidine, synthesis of phenylbutazone, additive to motor oil	
123-35-3	beta-Myrcene	Cancer		Cal Prop 65	preparation of perfume chemicals and flavoring; insect repellent; detergents; solvent or diluting agent for dyes and varnishes; chemical intermediate	х
123-38-6	Propionaldehyde	Skin		HSDB; WA Appen1	Manufacture of propionic acid, polyvinyl plastics	x
123-39-7	N-Methylformamide	Development, Liver		HSDB	Intermediate in synthesis of pesticides, methyl isocyanate mfg	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
		Eyes, Respiratory		HSDB	Rubber accelerators,	
123-72-8	Butyraldehyde	system, Skin			synthesis of resins, solvents,	х
		System, Sum			plasticizers	
		Respiratory system,		HSDB	Foaming agent for plastics,	
123-77-3	Azodicarboxamide	Skin			blowing agent for synthetic,	X
					natural rubber	
				Maine (CA Prop 65; IRIS; NTP 11th	Stabilizer for chlorinated	
123-91-1	1,4-Dioxane	Cancer, Eyes,		ROC); WA Appen1; WA CHCC;	solvents, solvent, wetting	
123 31 1	1,1 Blokene	Respiratory system		Minnesota HRV	and dispersing agent,	
					solvent of pulping wood	
		Eyes, Respiratory		HSDB; WA Appen1;	Accelerator in vulcanizing	
124-40-3	Dimethylamine	system, Skin			rubber, detergents,	Х
		System, Skiii			pesticides	
124-48-1	Dibromochloromethane	Liver		WA Appen1; Minnesota HRL	Chemical intermediate,	
		2.70.			reagent	
	Monomethylarsonic acid			IARC 2B	former herbicide	
124-58-3	(methylarsonic acid; MMA) (arsenic	Cancer				
	compound)				_	
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-			Maine (Canada PBiT); WA Appen1	Reagent	
125-31-5	ylidene)bis[2,5-dimethyl-, S,S-dioxide		Х			
	(Xylenol Blue)			OFCD CIDC/CIAD	Calcart famous services	
		Davidana ant Kidaan		OECD - SIDS/SIAR	Solvent for aromatics	
126-33-0	Tetrahydrothiophene 1,1-dioxide	Development, Kidney,			extraction in petroleum	x
		Reproduction			refining, curing agent,	
	Tria/2 2 dibana anno Naharahata			Adding /CA Pure CF LARC AITR 4444	pharmaceutical	
126-72-7	Tris(2,3-dibromopropyl)phosphate	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Flame retardant	
	(tris)			ROC); WA Appen1	Discription budge, the florid	
126-73-8	Tributyl phosphate (TBP)	Bladder		OECD - SIDS/SIAR; WA Appen1	Plasticizer, hydraulic fluid,	х
				LICED IDIC: MAA Ammend	antifoam agent, extratant	
				HSDB; IRIS; WA Appen1	In preparation of	
126-98-7	Methylacrylonitrile	Liver			homopolymers and	
					copolymers, vinyl nitrile	
				Maine (CA Bron 65: NTD 11th BOCK	monomer Component of adhesives	
126 00 0	Chloropropo	Cancar		Maine (CA Prop 65; NTP 11th ROC);	•	
126-99-8	Chloroprene	Cancer		WA Appen1	artificial rubber mfg,	
		Cancar Evas Names		Maine (CA Prop 65, IAPC, NTD 11th	neoprene	
127-18-4	Tetrachloroethylene	Cancer, Eyes, Nervous		Maine (CA Prop 65; IARC; NTP 11th		
12/-18-4	(Perchloroethylene)	system, Respiratory		ROC); WA Appen1; WA CHCC;	cleaning, processing,	Х
		system		Minnesota HRV	finishing, scouring, solvent	



			Dausistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
646			Persistent, very		Har Francis (a) and (a)	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
127-19-5	N,N-dimethylacetamide (DMAc)	Reproduction		ECHA Substances of Very High Concern	solvent	х
128-03-0	Potassium dimethyldithiocarbamate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
128-04-1	Sodium dimethyldithiocarbamate	Development		Maine (CA Prop 65); WA Appen1	Vulcanizing agent, corrosion inhibitor, water treatment, biocide	х
128-37-0	2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene	Liver, Thyroid		OECD - SIDS/SIAR	Antioxidant for synthetic rubbers, plastics, soaps, used in packaging	х
128-63-2	pyrene, 1,3,6,8-tetrabromo-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	PAH (chem-class)	
128-69-8	perylo[3,4-cd:9,10-c'd']dipyran- 1,3,8,10-tetrone		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Paint, lacquers, varnishes (pigment)	
128-83-6	9,10-anthracenedione, 1-amino-2- bromo-4-[(4-methylphenyl)amino]- (CI 62100)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pigment	
129-00-0	Pyrene	Kidney	х	Maine (NWM Priority Chemicals; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List; Minnesota HRL	Research, optical brighteners and dyes	
129-15-7	2-Methyl-1-nitroanthraquinone (of uncertain purity)	Cancer		Maine (CA Prop 65); WA Appen1	Preparation of dyes	
129-43-1	1-Hydroxyanthraquinone	Cancer		Maine (CA Prop 65); WA Appen1	Production of dyes and pharmaceuticals	
129-73-7	benzenamine, 4,4'- (phenylmethylene)bis[N,N-dimethyl- (Leucomalachite green)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Dye	
131-11-3	Dimethyl phthalate	Kidney		WA Appen1; WA CHCC; Minnesota HRL	Solvent, plasticizer, pharmaceutical, pesticide (EPA reg. cancelled)	х
131-17-9	Diallyl phthalate	Kidney, Liver		OECD - SIDS/SIAR	Plasticizer, stabilizer, dye carrier	х
131-18-0	Di-n-pentylphthalate (DPP) = Dipentylphthalate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Plasticizer	
131-55-5	Benzophenone-2 (Bp-2), 2,2',4,4'- tetrahydroxybenzophenone	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	UV screen	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
131-56-6	2,4-Dihydroxybenzophenon = Resbenzophenone	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	UV screen	
131-70-4	Mono-n-butylphthalate (MPB) (MBuP)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Plasticizer	
131-89-5	Dinex	Eyes		IRIS; WA Appen1	Pesticide (not EPA registered)	
132-27-4	o-Phenylphenate, sodium	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
132-64-9	Dibenzofuran		x	Maine (NWM Priority Chemicals); WA Appen1	Heat transfer oil, dye, printing textiles	
132-65-0	Dibenzothiophene		х	Maine (OSPAR Chemicals of Concern); WA Appen1	From petroleum, in cosmetic and pharmaceuticals, intermediate	
133-06-2	Captan	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
133-07-3	Folpet	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Pesticide	
133-49-3	Pentachlorobenzenethiol		x	Maine (EU PBT; OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	Peptizer for synthetic and natural rubbers	
133-90-4	Chloramben	Liver		Minnesota HRL; WA Appen1	Pesticide (EPA reg. cancelled)	
134-29-2	o-Anisidine hydrochloride	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate for dyes and pharmaceuticals	
134-32-7	1-Naphthylamine	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate for dyes, agriculture chemicals	
135-20-6	Cupferron	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Reagent	
135-63-7	2-Naphthalenecarboxamide, N-(5- chloro-2-methylphenyl)-3-hydroxy- (Naphthanilid KB)		х	Maine (Canada PBiT); WA Appen1		
135-91-1	Benzenamine, 4,4'-methylenebis[N,N-diethyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical intermediate	
136-35-6	Diazoaminobenzene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Organic chemical synthesis, dyes, insecticide	
136-45-8	Di-n-propyl isocinchomeronate (MGK Repellent 326)	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	



CAS			Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative		Use Example(s) and/or	High Production Volume (HPV)
Number 137-26-8	Chemical Name Tetramethyl thiuram disulfide (TMTD); (Thiram)	Body weight, Development, EuC Endocrine Disruptor Priority List, Liver, Skin	(vPvB)	Source(s) Maine (EuC Endocrine Disruptor Priority List); WA Appen1; EPA - HC	Chemical Class For vulcanization of rubbers products and tires, pesticides	Chemical ¹
137-42-8	Metham sodium	Cancer, Development, Endocrine system		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
138-93-2	Disodium cyanodithioimidocarbonate	Development		Maine (CA Prop 65); WA Appen1	Antimicrobial agent	
139-13-9	Nitrilotriacetic acid	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chelating and sequestering agent, detergents,	
139-40-2	Propazine	Body Weight		IRIS; WA Appen1	Pesticide	
139-65-1	4,4'-Thiodianiline	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate for dyes, pharmaceutical	
139-91-3	5-(Morpholinomethyl)-3-[(5- nitrofurfurylidene)-amino]-2- oxazolidinone (Furaltadone)	Cancer		Maine (CA Prop 65); WA Appen1	Animal feed additive	
140-57-8	Aramite	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Antimicrobial	
140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol (p- octaphenol)		х	Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1; WA CHCC	Chemical intermediate for surfactants	х
140-67-0	Estragole	Cancer		Maine (CA Prop 65); WA Appen1; WA CHCC	Flavoring, fragrance	x
140-88-5	Ethyl acrylate	Cancer		Maine (CA Prop 65); WA Appen1	Component in latex paints, in plastics and coatings	х
141-66-2	Dicrotophos	Development		IRIS; WA Appen1	Pesticide	
142-04-1	Aniline hydrochloride	Cancer		Cal Prop 65	dyes; printing inks	
142-59-6	Nabam	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
142-83-6	2,4-Hexadienal (89% trans, trans isomer; 11% cis, trans isomer)	Cancer		Maine (CA Prop 65); WA Appen1		
143-24-8	Bis(2-(2-methoxyethoxy)ethyl)ether	Reproduction		ECHA Substance of Very High Concern	inks and toners, welding & soldering products, extraction agent, chemical intermediate (source: SVHC listing)	



			Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number 143-33-9	Chemical Name Sodium cyanide	Cardiovascular system, Liver, Nervous system, Thyroid	(vPvB)	Source(s) ATSDR; HSDB; WA Appen1	Chemical Class Cleaning metals, dyes, electroplating solutions, brighteners	Chemical ¹
143-50-0	Chlordecone (Kepone)	Cancer, Development, Endocrine system	х	Maine (CA Prop 65; NTP 11th ROC; EuC Endocrine Disruptor Priority List; WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Pesticide (not EPA registered), kelevan mfg	
145-39-1	Benzene, 1-(1,1-dimethylethyl)-3,4,5-trimethyl-2,6-dinitro- (Musk tibetine)		х	Maine (Canada PBiT); WA Appen1; Oregon P3 List	Fragrances	
145-73-3	Endothal	Gastrointestinal system		IRIS; WA Appen1	Pesticide	
148-18-5	Ditiocarb sodium	Body Weight, Eyes		IRIS; WA Appen1	Corrosion inhibitor, rubber accelerator	
149-30-4	Mercaptobenzothiazole	Eyes, Skin		HSDB	Fungicide, vulcanization agent for rubber, pharmaceutical	х
149-57-5	2-Ethylhexanoic acid	Development		WA Appen1; WA CHCC	Cosolvent in pesticides, defoamer, PVC stabilizer, nursing pillow, baby foam mattress, foam baby washcloth, PVC plastic	х
150-50-5	Merphos	Nervous system		IRIS; WA Appen1	Pesticide defoliant (EPA reg. cancelled)	х
151-50-8	Potassium cyanide	Body Weight, Nervous system, Thyroid		IRIS; WA Appen1	Electroplating, steel hardening	х
151-56-4	Ethyleneimine	Cancer		Maine (CA Prop 65); WA Appen1	Manufacture of melamine, paper and textile chemicals, adhesive binders, insect chemosterilizaton	
153-78-6	2-Aminofluorene	Cancer		Maine (CA Prop 65); WA Appen1	Research	
156-10-5	p-Nitrosodiphenylamine	Cancer		Maine (CA Prop 65); WA Appen1	Accelerator for rubber vulcanization, chemical intermediate for dyes	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
156-59-2	cis-1,2-Dichloroethene	Blood		WA Appen1; Minnesota HRL	Solvent, chemical intermediate	
156-60-5	trans-1,2-Dichloroethylene	Liver		WA Appen1; IRIS; Minnesota HRL	Solvent for waxes, resins, and acetylcellulose, solvent for fats, phenols, camphor	х
				Maine (CA Prop 65; NTP 11th ROC;	Research, experimental	
400 55 0				EPA Final PBT Rule for TRI; WA PBT	carcinogen, PAH (chem-	
189-55-9	Benzo(r,s,t)pentaphene	Cancer	Х	List; OSPAR Chemicals of Concern);	class)	
				WA Appen1		
				Maine (CA Prop 65; NTP 11th ROC;	Experimental carcinogen, in	
100 64 0	Dil (1)			EPA Final PBT Rule for TRI; OSPAR	exhaust, tobacco smoke,	
189-64-0	Dibenzo(a,h)pyrene	Cancer	Х	Chemicals of Concern; WA PBT	urban air, PAH (chem-class)	
				LIST); WA Appen1		
101 07 1	6			Maine (OSPAR Chemicals of	PAH (chem-class)	
191-07-1	Coronene		Х	Concern); WA Appen1		
				Maine (EPA Final PBT Rule for TRI;	Research, combustion by-	
				TRI PBT Chemical List; NWM	product, PAH (chem-class)	
191-24-2	Benzo(g,h,i)perylene		Х	Priority Chemicals; WA PBT List;		
				OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		
				Maine (OSPAR Chemicals of	Experimental carcinogen, in	
191-26-4	dibenzo[def,mno]chrysene		х	Concern); WA Appen1	exhaust, cigarette smoke,	
					PAH (chem-class)	
				Maine (CA Prop 65; IARC; NTP 11th	Experimental carcinogen,	
191-30-0	Dibenzo(a,i)pyrene	Cancer	x	ROC; EPA Final PBT Rule for TRI;	combustion by-product, PAH	
191-30-0	Diberizo(a,i)pyrene	Cancer	X	OSPAR Chemicals of Concern); WA	(chem-class)	
				Appen1		
				Maine (CA Prop 65; NTP 11th ROC;	Experimental carcinogen, in	
192-65-4	Dibenzo(a,e)pyrene	Cancer	x	EPA Final PBT Rule for TRI; WA PBT	fossil fuels, tobacco smoke,	
192-05-4	Diberizo(a,e)pyrene	Cancer	X	List; OSPAR Chemicals of Concern);	gasoline exhaust, PAH (chem-	
				WA Appen1	class)	
192-97-2	benzo[e]pyrene		х	Maine (OSPAR Chemicals of	Biochemical research, in coal	
132-3/-2	репиојејругене		Х	Concern); WA Appen1	tar, PAH (chem-class)	
				Maine (CA Prop 65; IRIS; NTP 11th	Research, combustion by-	
193-39-5	Indono(1 2 2 cd\nyrana	Concor		ROC; EPA Final PBT Rule for TRI;	product, PAH (chem-class)	
133-33-3	Indeno(1,2,3-cd)pyrene	Cancer	Х	WA PBT List); WA Appen1; Oregon		
				P3 List		



			Daniel at and			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (CA Prop 65; NTP 11th ROC;	Combustion by product, PAH	
194-59-2	7H-Dibenzo(c,g)carbazole	Cancer	Х	EPA Final PBT Rule for TRI; WA PBT	(chem-class)	
				List); WA Appen1		
195-19-7	Benzo[c]phenanthrene		x	Maine (OSPAR Chemicals of	PAH (chem-class)	
	***			Concern); WA Appen1		
	Perylene [Polycyclic aromatic			Maine (WA PBT List; OSPAR	Organic semiconductors	
198-55-0	hydrocarbons (PAHs)]		x	Chemicals of Concern); WA Appen1	mfg, PAH (chem-class)	
202-33-5	Benz[j]aceanthrylene	Cancer		IARC 2B	PAH (chem-class)	
202-55-5	Benzijjaceantin yiene	Cancer		Maine (CA Prop 65; NTP 11th ROC;	,	
205-82-3	Benzo(j)fluoranthene	Cancer	x	EPA Final PBT Rule for TRI; WA PBT	T	
203 02 3	Denzo(j)ndorumene	Curicer	^	List); WA Appen1	Classy	
				Maine (CA Prop 65; NTP 11th ROC;	Research combustion by-	
				EPA Final PBT Rule for TRI; IRIS; WA		
205-99-2	Benzo(b)fluoranthene	Cancer	Х	PBT List); WA Appen1; Oregon P3	product, 1741 (chem class)	
				List		
				Maine (EPA Final PBT Rule for TRI;	Lining materials from coal	
				WA PBT List; OSPAR Chemicals of	tar and asphalt, research,	
206-44-0	Benzo(j,k)fluorene (fluoranthene)	Kidney, Liver	х	Concern); Oregon P3 List; WA	fluorescent dyes, stabilizer	
				Appen1; Minnesota HRL	in epoxy adhesives, PAH	
					(chem-class)	
				Maine (CA Prop 65; IRIS; NTP 11th	Combustion by-product,	
				ROC; EPA Final PBT Rule for TRI;	PAH (chem-class)	
207-08-9	Benzo(k)fluoranthene	Cancer	Х	WA PBT List; OSPAR Chemicals of		
				Concern); WA Appen1; Oregon P3		
				List	5 116 11 1 DAIL	
208-96-8	Acenaphthylene		х	Maine (NWM Priority Chemicals);	From oil furnace black, PAH	
				WA Appen1 Maine (OSPAR Chemicals of	(chem-class)	
215-58-7	Benzo[b]triphenylene		x	Concern); WA Appen1	Combustion by-product, PAH (chem-class)	
				Maine (OSPAR Chemicals of	Combustion by-product,	
217-59-4	Triphenylene		x	Concern); WA Appen1	PAH (chem-class)	
				Maine (CA Prop 65; IRIS; EPA Final	Distillation of coal tar, PAH	
				PBT Rule for TRI; WA PBT List;	(chem-class)	
218-01-9	Benzo(a)phenanthrene	Cancer	х	OSPAR Chemicals of Concern); WA	(23.11 0.000)	
				Appen1; Oregon P3 List		
				Maine (OSPAR Chemicals of	Combustion, PAH (chem-	
224-41-9	Dibenz[a,j]anthracene		х	Concern); WA Appen1	class)	



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Production
CAS			Persistent, very		Lies Evennels/s) and/on	Volume (HPV)
00	a		Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
224 42 0	Dile and the investment	6		Maine (CA Prop 65; NTP 11th ROC;	Biochemical research,	
224-42-0	Dibenz(a,j)acridine	Cancer	Х	EPA Final PBT Rule for TRI; WA PBT		
				List); WA Appen1 Maine (CA Prop 65; NTP 11th ROC;	air, PAH (chem-class) Biochemical research,	
226-36-8	Dibenz(a,h)acridine	Cancer	x	EPA Final PBT Rule for TRI; WA PBT	·	
220-30-8	Dibenz(a,n)acridine	Cancer	^	List); WA Appen1	air, PAH (chem-class)	
				Maine (CA Prop 65); WA Appen1	Coumarone-indene resins	
				Walle (extrop 65), with penil	(plastic) mfg, water	
271-89-6	Benzofuran	Cancer			resistance, processing coal	
					tar into coal oil	
				Maine (EU PBT List; OSPAR	Intermediate in production	
				Chemicals of Concern; OSPAR	of polyamides, polyesters,	
294-62-2	Cyclododecane		х	Chemicals for Priority Action; ECHA		
				Substances of Very High Concern);	,	
				WA Appen1		
	4,7-methanoisobenzofuran,			Maine (OSPAR Chemicals of	Insecticide	
297-78-9	1,3,4,5,6,7,8,8-octachloro-		х	Concern); WA Appen1		
	1,3,3a,4,7,7a-hexahydro-					
298-00-0	Methyl parathion	Blood		IRIS; WA Appen1	Pesticide	
298-04-4	Disulfoton	Nervous system		WA Appen1; Minnesota HRL	Insecticide	
300-76-5	Naled	Nervous system		IRIS; WA Appen1	Pesticide, disinfectant	
				Maine (CA Prop 65; EU	Mordent, varnishes, lead	
301-04-2	Lead acetate	Cancer, Reproduction		Reproductive toxicant); WA	driers, chrome pigments	
204 42 2	Oranda are at a great to d	Danna duation		Appen1	D. atiala	
301-12-2	Oxydemeton methyl	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
302-01-2	Hydrazine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th	Oxygen scavenger,	, , , , , , , , , , , , , , , , , , ,
302-01-2	nyurazine	Cancer		ROC); WA Appen1; Minnesota HRV	propellant, reagent,	X
				IARC 2A	reducing agent chemical reagent,	
302-17-0	Chloral Hydrate	Cancer		Inne 40	manufacture of DDT,	
302 17 0	emoral riyarate	Curicei			sedative	
303-34-4	Lasiocarpine	Cancer		Maine (CA Prop 65); WA Appen1	Research	
202 47 0	Ochratovia A	Cancar		Maine (CA Prop 65; NTP 11th ROC);	Research, natural metabolite	
303-47-9	Ochratoxin A	Cancer		WA Appen1	of molds - toxic	
		Adrenal, Eyes, Liver,		EPA - HC	Refrigerant, air conditioning,	
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane	Pancreas,			fire fighting	x
		Reproduction				



			Dausistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
307-55-1	Tricosafluorododecanoic acid		х	ECHA Substances of Very High Concern (vPvB)	prodction of fluoropolymers and fluorotelomers	
309-00-2	Aldrin	Cancer	х	Maine (CA Prop 65; IRIS; EPA Final PBT Rule for TRI; TRI PBT Chemical List; EPA Priority PBT; WA PBT List; OSPAR Chemicals of Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
313-67-7	Aristolochic acids	Cancer, Kidney		Maine (CA Prop 65; IARC); WA Appen2		
319-84-6	alpha-Hexachlorocyclohexane (alpha-HCH)	Cancer	х	Maine (IRIS); WA Appen1; Oregon P3 List	Component of benzene hexachloride	
319-85-7	beta-HCH	Endocrine system	х	Maine (OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
327-98-0	phosphonothioic acid, ethyl-, O-ethyl O-(2,4,5-trichlorophenyl) ester		Х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
330-54-1	Diuron	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
330-55-2	Linuron	Blood, Cancer, Endocrine system	х	Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List; Minnesota HRL	Pesticide	
331-39-5	Caffeic acid	Cancer		Maine (CA Prop 65); WA Appen1	Natural compound, research	
333-41-5	Diazinon		Х	WA Appen1; Oregon P3 List	Pesticide	
335-57-9	heptane, hexadecafluoro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Electrical engineering applications	
335-66-0	Perfluorooctanoic Acid (PFOA) and Salts	Development, Immune system, Liver	x	Minnesota HRL	Anti-stain coatings	
335-67-1	Perfluorooctanoic Acid (PFOA) and Salts	Development, Immune system, Liver	х	Oregon P3 List; Minnesota HRL	Anti-stain coatings	
335-76-2	Nonadecafluorodecanoic acid	Reproductive	х	ECHA Substances of Very High Conc	ePFC; consumer use	
335-93-3	Perfluorooctanoic Acid (PFOA) and Salts	Development, Immune system, Liver	х	Minnesota HRL	Anti-stain coatings	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
335-95-5	Perfluorooctanoic Acid (PFOA) and Salts	Development, Immune system, Liver	×	Minnesota HRL	Anti-stain coatings	
355-42-0	hexane, tetradecafluoro- (Perflexane)		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Electrical engineering applications, solvent, heat transfer	
355-43-1	hexane, 1,1,1,2,2,3,3,4,4,5,5,6,6- tridecafluoro-6-iodo-		×	Maine (OSPAR Chemicals of Concern); WA Appen1	Used in chemical synthesis	х
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	Liver system; Thyroid	х	Minnesota HRL; ECHA Substances of Very High Concern	PFC; stain-resistant fabrics; fire-fighting foams; food packaging; industrial surfactant	
373-02-4	Nickel acetate	Cancer		Maine (CA Prop 65); WA Appen1	Mordant in the textile industry	
375-22-4	Perfluorobutyrate (PFBA)	Development, Liver, Thyroid		Minnesota HBV	Use in photographic film	
375-72-4	1-butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4-nonafluoro-	,	х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical synthesis, chemical intermediate	
375-73-5	Perfluorobutane sulfonate (PFBS)(anion CAS: 45187-15-3)	Blood, Kidney, Liver		Minnesota HBV; ECHA Substances of Very High Concern	Surfactant, polymers, plastics production	
375-85-9	Perfluoroheptanoic acid [PFHpA]		Х	Oregon P3 List	Anti-stain coatings	
375-95-1	Perfluorononanoic acid [PFNA]		х	Oregon P3 List	Anti-stain coatings	
376-06-7	Heptacosafluorotetradecanoic acid		х	ECHA Substances of Very High Concern (vPvB)	prodction of fluoropolymers and fluorotelomers	
379-52-2	Stannane, fluorotriphenyl-		х	Maine (Canada PBiT); WA Appen1	Antifouling	
409-21-2	Silicon carbide whiskers	Cancer		IARC 2A	abrasive for polishing glass/granite; smoothing bisqueware; component of treads and break linings;	х
420-04-2	Cyanamide	Liver, Skin		HSDB	Raw materials for melamine and guanidine, herbicide	
423-50-7	1-hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical synthesis, chemical intermediate	
427-45-2	stannane, fluorotris-p-chlorophenyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
434-90-2	Decafluorobiphenyl		Х	Oregon P3 List	Analytical internal standard	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
460-19-5	Cyanogen	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Fuel gas for welding and cutting, fumigant, rocket propellant	
465-73-6	Isodrin		х	Maine (EPA Final PBT Rule for TRI; TRI PBT Chemical List; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
475-26-3	benzene, 1,1'-(2,2,2- trichloroethylidene)bis[4-fluoro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
475-71-8	Benzo[h]benz[5,6]acridino[2,1,9,8-klmna]acridine-8,16-dione		х	Maine (Canada PBiT); WA Appen1	Pigment	
484-20-8	5-Methoxypsoralen with ultraviolet A therapy	Cancer		CA Prop 65; IARC 2A; WA Appen1	Fragrances, suntan, pharmaceutical	
492-80-8	Auramine	Cancer		Maine (CA Prop 65); WA Appen1	Dye, pesticide (EPA reg. cancelled), pharmaceutical	
496-72-0	3,4-toluenediamine (3,4-TDA)	Body weight, Development, Genotoxic, Kidney, Liver, Respiratory system		OECD - SIDS/SIAR	Chemical intermediate, research, former hair dye	х
497-39-2	phenol, 2,4-bis(1,1-dimethylethyl)-5- methyl-	.,	х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical intermediate for rubber chemicals, phenolic resins	х
506-61-6	Potassium silver cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Used in silver plating	
506-77-4	Chlorine cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Tear gas, warning agent, chemical synthesis	
509-34-2	Spiro[isobenzofuran-1(3H),9'- [9H]xanthen]-3-one, 3',6'- bis(diethylamino)- (Solvent Red 49)		х	Maine (Canada PBiT); WA Appen1	Solvent red 49, heat transfer fluids	
510-15-6	Benzeneacetic acid, 4-chloroalpha (4-chlorophenyl)alphahydroxy-, ethyl ester	Cancer	х	Maine (CA Prop 65; OSPAR Chemicals of High Concern); WA Appen1	Pesticide (EPA reg. cancelled)	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (CA Prop 65); WA Appen1	Control of spark fouling,	
					gasoline additive, chemical	
512-56-1	Trimethyl phosphate	Cancer			intermediate, industrial	
					catalyst, ethylating agent,	
					plasticizer, flame retardant,	
				M : (CA D	anti-foaming agent	
513-37-1	Dimethylvinylchloride	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Organic synthesis	
				WA Appen1		
F42 70 4	Calcalation and an at a	Daniel direktor Commen		ECHA Substances of Very High	in ceramics; manufacture of	
513-79-1	Cobalt(II) carbonate	Reproduction, Cancer		Concern	cobalt pigments; vet	х
	4 Naghthalagagagagal			Marine (Correcte DDIT) MAA Arranga	medication	
	1-Naphthalenepropanol, α-			Maine (Canada PBiT); WA Appen1	Perfume, cosmetics	
515-03-7	ethenyldecahydro- 2-hydroxy-		x			
	α ,2,5,5,8a-pentamethyl-, [1R- $[1\alpha(R),2\beta,4a\beta,8a\alpha]$]-					
	[[[α(κ),2ις,4αις,δαα]]-			Maine (OSPAR Chemicals of		
527-20-8	benzenamine, 2,3,4,5,6-pentachloro-		х	Concern); WA Appen1		
				Maine (CA Prop 65); WA Appen1	Synthesis of dyestuffs,	
528-29-0	o-Dinitrobenzene	Reproduction		Walle (CATTOP 03), WA Appell	explosives	
	N-[4-(5-Nitro-2-furyl)-2-			Maine (CA Prop 65); WA Appen1		
531-82-8	thiazolyl]acetamide	Cancer		(
531-85-1	Benzidine dihydrochloride	Cancer		Maine (EU Carcinogen)	Chromogen	
531-86-2	Benzidine sulfate	Cancer		EU Carcinogen (C&L Inventory)	Dye	
				WA Appen1; Minnesota HRV	Riot control gas, alcohol	
F22 27 4	2 Chlausasstanhanana	Da animata mu a vata na			denaturant, pharmaceutical	
532-27-4	2-Chloroacetophenone	Respiratory system			intermediate, tear gas	
540-73-8	1,2-Dimethylhydrazine	Cancer		Maine (CA Prop 65; IARC); WA	Research, production of	
540-75-8	1,2-Diffictifyiffyurazifie	Cancer		Appen1	photographic chemicals	
540-97-6	Dodecamethylcyclohexasiloxane (D6)		X	ECHA Substances of Very High		x
540 57 0	Bodecametry by cromexas moxane (Bo)		*	Concern		^
				Maine CC; Oregon P3 List; ECHA	Hair preparations,	
541-02-6	Decamethylcyclopentasiloxane (D5)		x	Substances of Very High Concern	antiperspirants, high purity	x
					silicone fluid, cosmetics,	
		_			toiletries	
542-56-3	Isobutyl nitrite	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate	
F 40 75 6	1.2 5:11	Cancer, Respiratory		Maine (CA Prop 65; IRIS; NTP 11th	Pesticide	
542-75-6	1,3-Dichloropropene	system		ROC); WA Appen1; Minnesota HRL;		Х
		·		Minnesota HRV		1



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			•
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
542-88-1	Bis(chloromethyl)ether	Cancer		Maine (CA Prop 65; IARC; EU Carcinogen; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRL; Minnesota HRV	Reagent, ion-exchange resins, plastics mfg	
544-92-3	Copper cyanide	Body Weight, Kidney, Liver		IRIS; WA Appen1	Electroplating	
548-62-9	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien- 1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	Cancer		ECHA Substances of Very High Concern	dyes, inks, colorant, biological stain	
550-44-7	H-Isoindole-1,3(2H)-dione, 2-methyl-	Body Weight, Development, Liver		EPA - HC	Organic synthesis, high molecular weight polyetherimide polymers	х
552-30-7	Trimellitic Anhydride (TMA)	Respiratory system		OECD - SIDS/SIAR	Plasticizers, adhesives, polymers, dyes	х
554-13-2	Lithium carbonate	Development		Maine (CA Prop 65); WA Appen1	Pharmaceutical, production of glazes on ceramic and electrical porcelain, catalyst	х
556-52-5	Glycidol	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Alkylating agent, chemical intermediate for pharmaceuticals, cosmetics, stabilizer for natural oils	
556-67-2	Octamethylcyclotetrasiloxane (D4)		х	Maine CHC; ECHA Substances of Very High Concern; Oregon P3 List	Preparation of methyl silicon oils, silicon fluid mixtures, adhesives, cosmetics, personal care products, detergents	x
557-05-1	Zinc Stearate	Respiratory system		HSDB; WA Appen1	Dusting powders, pharmaceutical, astringent	х
557-21-1	Zinc cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Electroplating, metal plating	
559-11-5	2-propenoic acid, 2,2,3,3,4,4,5,5,6,6,7,		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
561-41-1	4,4'-bis(dimethylamino)-4''- (methylamino)trityl alcohol	Cancer		ECHA Substances of Very High Concern	inks and toners	
563-12-2	Ethion	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg.	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
563-47-3	3-Chloro-2-methylpropene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Pesticide mfg	x
563-80-4	3-Methyl-2-butanone	Development, Kidney		EPA - HC	Solvent for nitrocellulose lacquers	х
569-61-9	C.I. Basic Red 9 monohydrochloride	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Textile dye, leather, paper, stain	
573-58-0	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	Cancer		ECHA Substances of Very High Concern	dye, gelling agent, biological stain, indicator	
576-26-1	2,6-Dimethylphenol	Body weight, kidney, liver, spleen		IRIS; WA Appen1	Starting material for phenolic resins	х
583-78-8	2,5-Dichlorophenol	Blood, Liver		HSDB	Chemical intermediate for dicamba	х
584-84-9	Toluene 2,4-diisocyanate	Eyes, Respiratory system, Skin		HSDB	Polyurethane foams, elastomers, coatings, hardener for polyurethane adhesives and finishes	х
591-78-6	Methyl n-butyl ketone	Development		CA Prop 65; WA Appen1	Solvent used in paints, lacquers, thinners	
592-01-8	Calcium cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	In stainless steel mfg, pesticide (EPA reg. cancelled)	
592-62-1	Methylazoxymethanol acetate	Cancer		Maine (CA Prop 65); WA Appen1	Research	
593-60-2	Vinyl bromide	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Comonomer with acrylonitrile for fabrics, granular products, used in leather and fabricated metal products	
598-55-0	Methyl carbamate	Cancer		Maine (CA Prop 65); WA Appen1	Pharmaceutical intermediate, intermediate in mfg of dimethylol methyl carbamate resins	x
598-78-7	2-Chloropropanoic acid	Reproduction		CA Prop 65	Chemical intermediate in pesticide mfg	
602-87-9	5-Nitroacenaphthene	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate for naphthalimide, a whitening agent	
603-33-8	Bismuthine, triphenyl-		х	Maine (Canada PBiT); WA Appen1		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
603-48-5	Benzenamine, 4,4',4"- methylidynetris[N,N-dimethyl-		×	Maine (Canada PBiT); WA Appen1		
605-50-5	Diisopentyl phthalate	Reproduction		ECHA Substances of Very High Concern	propellants and explosives; plasticizer for PVC products	
606-20-2	2,6-Dinitrotoluene	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate for toluene-2,6-diamine, gelatinizing and waterproofing agent	
607-57-8	2-Nitrofluorene	Cancer		Maine (CA Prop 65); WA Appen1		
608-71-9	phenol, pentabromo-		x	Maine (OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	Flame retardant	
608-73-1	cyclohexane, 1,2,3,4,5,6-hexachloro- (HCH)	Cancer	х	Maine (EuC Endocrine Disruptor Priority Lists; IRIS; OSPAR Chemicals of Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
608-93-5	Pentachlorobenzene	Endocrine system	х	Maine (EPA Final PBT Rule for TRI; TRI PBT Chemical List; NWM Priority Chemicals; WA PBT List; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; Canada PBiT); WA Appen1; WA CHCC; Oregon P3 List	Chemical intermediate for pentachloronitrobenzene	
611-06-3	2,4-Dichloro-1-nitrobenzene	Cancer		IARC 2B	Intermediate in manufacture of diazo pigments, pharmaceuticals, and agrochemicals	
611-19-8	1-chloro-2-(chloromethyl)benzene (ochlorobenzyl chloride; OCBC)	Kidney, Respiratory system		OECD - SIDS/SIAR	Chemical intermediate	х
611-99-4	4,4'-Dihydroxybenzophenon	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Plastic monomer	
612-82-8	3,3'-Dimethylbenzidine dihydrochloride	Cancer		Maine (CA Prop 65); WA Appen1		
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Intermediate for color dyes	х
613-35-4	N,N'-Diacetylbenzidine	Cancer		Maine (CA Prop 65); WA Appen1	Research	
615-05-4	2,4-Diaminoanisole	Cancer		Maine (CA Prop 65); WA Appen1	Preparation of hair and fur dyes, corrosion inhibitor for steel	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
615-28-1	ortho-Phenylenediamine dihydrochloride	Cancer		IARC 2B	Intermediate in manufacture of dyes, coatings, and photographic chemicals and as a chemical laboratory reagent	
615-53-2	N-Nitroso-N-methylurethane	Cancer		Maine (CA Prop 65); WA Appen1	Research	
615-54-3	1,2,4-Tribromobenzene	Liver	Х	IRIS; WA Appen1		
616-23-9	2,3-Dichloropropanol	Cardiovascular system, Kidney, Liver		IRIS; WA Appen1	Production of epichlorohydrin	х
620-92-8	Bisphenol F (BPF)	Reproductive; Developmental; Endocrine System		Washington CHCC List	polymer plastic resin, lotions, cosmetics	
621-64-7	N-Nitrosodi-n-propylamine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1	Research	
622-96-8	p - ethyltoluene	Body Weight, Development, Liver, Mortality, Reproduction		EPA - HC		х
624-83-9	Methyl isocyanate	Eyes, Reproduction, Respiratory		ATSDR; HSDB; WA Appen1	Organic chemical synthesis, carbamate pesticides mfg	
626-39-1	Benzene, 1,3,5-tribromo-		Х	Maine (Canada PBiT); WA Appen1		
629-14-1	1,2-Diethoxyethane	Development/ Reproduction		ECHA Substances of Very High Concern	solvent and dilutent for detergents	
630-08-0	Carbon monoxide	Blood, Development, Reproduction		Maine (CA Prop 65; EU Reproductive Toxicant); WA Appen1	Combustion by product, reducing agent in metallurgical operations	х
630-20-6	1,1,1,2-Tetrachloroethane	Kidney, Liver		WA Appen1; Minnesota HRL	Solvent, insecticides mfg, bleaches, paints, varnishes	
631-64-1	Dibromoacetic acid	Cancer		Maine (CA Prop 65)	By product of water disinfection	
632-79-1	1,3-isobenzofurandione, 4,5,6,7- tetrabromo-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant	х
632-99-5	Magenta	Cancer		IARC 2B	dye or dye intermediate	
634-66-2	benzene, 1,2,3,4-tetrachloro-		х	Maine (OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	Dielectric fluids, chemical intermediate	



			Persistent, Bioaccumulative, Toxic (PBT) or very			
CAS Number	Chemical Name	Health Endpoint(s)	Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
634-90-2	Benzene, 1,2,3,5-tetrachloro-	Treatti Enapolit(3)	×	Maine (OSPAR Chemicals of Concern); WA Appen1	Research, intermediate for pesticides, protection in packaging	Chemical
636-21-5	o-Toluidine hydrochloride	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1		
638-21-1	Phenylphosphine	Development		CA Prop 65	Chemical intermediate, reagent	
646-06-0	1,3-Dioxolane	Development, Reproduction		EPA - HC	Production of high molecular weight polyacetals	х
647-42-7	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluoro-		х	Maine (Canada PBiT); WA Appen1		х
668-34-8	stannylium, triphenyl-		х	Maine (OSPAR Chemical of Concern); WA Appen1		
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10-heptadecafluoro-		х	Maine (Canada PBiT); WA Appen1		
680-31-9	Hexamethylphosphoramide	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Processing solvent for aromatic polyamide fiber, de- icing additive for jet fuels, solvent for polymers	
683-18-1	Dibutyltin dichloride (DBTC)	Body Weight, Blood, Eyes, Immune System, Kidney, Skin		OECD - SIDS/SIAR	Organotin intermediate for chemical and coating production	х
684-16-2	Hexafluoroacetone	Reproduction		Maine (CA Prop 65)	Chemical intermediate hexafluoroisopropanol, polyacrylates, organic synthesis	х
688-73-3	Stannane, tributyl-	Endocrine system	x	Maine (Canada PBiT; EuC Endocrine Disruptor Priority List); WA Appen1	Reducing agent, synthesis intermediate, pharmaceutical	
693-98-1	2-Methylimidazole	Cancer		IARC 2B	dyes and pigments, hardener for epoxy resins, agricultural chemicals, rubber	
709-98-8	Propanil	Spleen		IRIS; WA Appen1	Pesticide	
712-68-5	2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	Cancer		Maine (CA Prop 65); WA Appen1		
732-11-6	Phosmet	Body weight, Liver		IRIS; WA Appen1	Pesticide	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
Number	Chemical Name	ricaltii Liiupoiiit(s)	(VFVD)	Maine (OSPAR Chemicals of	Personal care products,	Chemical
				Concern; OSPAR Chemicals for	medical devices	
732-26-3	2,4,6-tri-tert-butylphenol		Х	Priority Action; Canada PBiT); WA	linedical devices	x
				Appen1; Oregon P3 List		
	Perfluorooctane sulfonamide			Oregon P3 List	Anti-stain coatings	
754-91-6	[PFOSA]		x	Oregon 13 List	Anti-stain coatings	
759-73-9	N-Nitroso-N-ethylurea	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Ethylating agent, plant	
759-75-9	N-Nitroso-N-ethylurea	Cancer		ROC); WA Appen1	mutagen for study	
		Cancer,		Maine (CA Prop 65); Minnesota	Pesticide	
759-94-4	Ethyl dipropylthiocarbamate	Cardiovascular		HRL; WA Appen1		
733-34-4	Ltriyi dipropyitinocarbamate	system, Nervous				
		system				
	1,4-Dichloro-2-butene			Maine (CA Prop 65); WA Appen1	Chemical intermediate	
764-41-0		Cancer			resolving oil in water	
					mixtures	
				Maine (CA Prop 65; IRIS); WA	Research, crosslinking agent,	
765-34-4	Glycidaldehyde	Cancer		Appen1	veterinary pharmaceutical	
		Development,		Maine (CA Prop 65; EuC Endocrine	Pesticide (EPA reg.	
789-02-6	benzene, 1-chloro-2-[2,2,2-trichloro-	' '	,	Disruptor Priority List; OSPAR	cancelled)	
789-02-0	1-(4-chlorophenyl)ethyl]-	Endocrine system, Reproduction	Х	Chemical of Concern); WA Appen1		
		Reproduction		Maine (OCDAD Chaminala of	A	
793-24-8	4 / disposable alberta alphania a Valimba a mada main			Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for	Antioxidant/antiozonant for rubber	
793-24-8	4-(dimethylbutylamino)diphenylamin		Х	'	rubber	Х
	Trichlormethine (Trimustine			Priority Action); WA Appen1 Maine (CA Prop 65); WA Appen1		
817-09-4	hydrochloride)	Cancer		Walle (CA Prop 65), WA Appeni		
822-06-0	1.6 Hovamothylana diisasyanata	Eyes, Respiratory		OECD - SIDS/SIAR; WA Appen1;	Industrial surface coatings	
022-00-0	1,6-Hexamethylene diisocyanate	system, Skin		Minnesota HRV		Х
				IARC 2B	dyes and pigments, oven	
822-36-6	4-Methylimidazole	Cancer			cleaner, agricultural	
					chemicals, rubber	
834-12-8	Ametryn	Liver		IRIS; WA Appen1	Pesticide	
838-88-0	4,4'-Methylene bis(2-methylaniline)	Cancer		Maine (CA Prop 65); WA Appen1		
842-07-9	C.I. Solvent Yellow 14	Cancer		Maine (CA Prop 65); WA Appen1;	Dye	
				WA CHCC		
868-77-9	2-hydroxyethyl methacrylate	Kidney		OECD - SIDS/SIAR	In dyes, inks, coatings,	x
	. , ,	,			adhesives, others	



CAS			Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative		Use Example(s) and/or	High Production Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
872-50-4	N-Methylpyrrolidone	Development		Maine (CA Prop 65); WA Appen1; WA CHCC	solvent for resins, acetylene, pigment dispersant, others	×
886-50-0	Terbutryn	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (EPA reg. cancelled)	
900-95-8	Fentin acetate = triphenyltin acetate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (not EPA registered)	
924-16-3	N-Nitrosodi-n-butylamine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1	Research	
924-42-5	N-Methylolacrylamide	Cancer		Maine (CA Prop 65); WA Appen1	Adhesives, surface coatings, binders	х
930-55-2	N-Nitrosopyrrolidine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1	Research, tobacco smoke	
944-22-9	Dyphonate	Liver, Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
944-61-6	Benzene, 1,2,3,4-tetrachloro-5,6-dimethoxy-		х	Maine (Canada PBiT); WA Appen1		
957-51-7	Diphenamid	Liver		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
959-98-8	Endosulfan, alpha		х	Maine (NWM Priority Chemicals); WA Appen1	Pesticide (not EPA registered)	
961-11-5	Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl (Tetrachlorovinphos)	Body weight, Kidney, Liver, Nervous system		IRIS; WA Appen1	Pesticide	
1000-05-1	Tetrasiloxane, 1,1,3,3,5,5,7,7-octamet	hyl	Х	Maine (Canada PBiT); WA Appen1		
1022-22-6	p,p'-DDMU	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
1024-57-3	Heptachlor epoxide	Cancer	х	Maine (CA Prop 65; IRIS; NWM Priority Chemicals; WA PBT List; OSPAR Chemicals of Concern); WA Appen1I Oregon P3 List; Minnesota HRL	Heptachlor metabolite	
1031-07-8	Endosulfan sulfate		Х	Oregon P3 List	Precursor in chemical mfg	



		I				
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
1067-53-4	tris(2-methoxyethoxy)vinylsilane	Reproduction		ECHA Substance of Very High Concern	Adhesives, sealants, and polymers. Used in formulation of mixtures and /or re-packaging and building/construction work. Used for manufacture of textiles, leather/fur, wood/wood products, pulp, paper/paper products, rubber products, plastic products, fabricated metal products, electrical, electronic/opticl equipment, machinery and vehicles (source: SVHC listing)	
1068-27-5	Peroxide, (1,1,4,4-tetramethyl-2-butyne- 1,4-diyl)bis[(1,1-dimethylethyl)		x	Maine (Canada PBiT); WA Appen1		
1071-83-6	Glyphosate	Development		IRIS; WA Appen1	Pesticide	
1072-63-5	1-vinylimidazole	Reproduction		ECHA Substance of Very High	polymers and chemical	
1072-03-3	1-VIII VIII III dazole	Reproduction		Concern	intermediate	
1113-02-6	Omethoate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (not EPA registered)	
1116-54-7	N-Nitrosodiethanolamine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1	Research	
1118-46-3	Monobutyltin trichloride	Eyes, Skin		OECD - SIDS/SIAR	Intermediate in organotin compounds production	х
1120-71-4	1,3-Propane sultone	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate	
1131-60-8	4-Cyclohexylphenol	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Antimicrobial additive	
1134-23-2	Cycloate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
1138-52-9	phenol, 3,5-bis(1,1-dimethylethyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
1154-59-2	Benzamide, 3,5-dichloro-N-(3,4-dichlorophenyl)-2-hydroxy-		x	, , , , ,	Preservative, bacteriostat	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Histor Book doorstoor
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (WA PBT List; OSPAR	High impact polystyrene,	
1163-19-5	Decabromodiphenyl ether		x	Chemicals of Concern); WA	flame retardant	
	[Polybrominated diphenyl ethers]			Appen1; WA CHCC; Oregon P3 List		
	Benzoic acid, 2-[(3,5-dibromo-4-			Maine (Canada PBiT); WA Appen1		
1176-74-5	hydroxyphenyl) (3,5-dibromo-4-oxo-		x			
	2,5-cyclohexadien-1-ylidene)methyl]- , ethyl ester					
	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8,-			EPA - HC; WA Appen1; Oregon P3	Laundry detergent	
1222-05-5	hexamethylcyclopenta[g]-2-	Body Weight	x	List	fragrance, fragrance	х
	benzopyran (HHCB)					
1229-55-6	2-Naphthalenol, 1-[(2-methoxyphenyl)azo]- (Oil pink)		x	Maine (Canada PBiT); WA Appen1	Dye	
	phosphoric acid, 2-ethylhexyl			Maine (OSPAR Chemicals of	Food packaging, plasticizer	
1241-94-7	diphenyl ester		Х	Concern); WA Appen1	for polyvinyl chlorides	х
1271-28-9		Common		Maine (CA Prop 65); WA Appen1	Catalyst and completing	
12/1-28-9	Nickelocene	Cancer			agent	
1303-00-0	Gallium arsenide	Cancer		Maine (CA Prop 65; IARC); WA	Semiconductor	
1303 00 0	Saman arseniae	Carreer		Appen1		
	Arsenic oxide, arsenic pentoxide,			Maine (EU Carcinogen; ECHA	Pesticide, wood	
1303-28-2	diarsenic pentaoxide	Cancer		Substances of Very High Concern);	preservation, dye	
				WA Appen1 ECHA Substances of Very High	used in herbicides; fire	
				Concern	resistant additive for paints,	
				Concern	electronics; Flux for enamels	
					and glazes; laboratory	
					chemicals and water	
1303-86-2	Diboron trioxide	Reprodution			treatment chemicals;	x
		·			chemical intermediate; used	
					in manufacture of mineral	
					prducts, metals, machinery,	
					and vehicles.	
				ECHA Substances of Very High	used in nitrile rubbers and	
				Concern	plastics such as Teflon;	
1306-19-0	Cadmium oxide	Systemic, Cancer			vetrinarian medication; used	х
					in silver-zinc storage	
					batteries	



			Persistent, Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Hoolth Fuduciut/s		Source(s)	Chemical Class	Chemical ¹
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s) ECHA Substances of Very High	used in water treatment	Chemicai
				Concern	products, cosmetics,	
				Concern	personal care products,	
					semiconductors, laboratory	
					chemicals; coloring glass	
	Cadmium sulphide				yellow; pigment particularly	
					in glass and plastic industry.	
1306-23-6		Systemic, Cancer			Used as colorant in plastics,	
					paints, soaps, rubber, paper,	
					glass, printing inks, ceramic	
					glazes, textiles, and	
					fireworks; can be used in	
					smoke detectors	
1307-96-6	Cobalt [II] oxide	Cancer		Maine (CA Prop 65); WA Appen1	Pigments, catalyst	Х
				Maine (CA Prop 65); WA Appen1	Pigment, mordant, flame-	
1309-64-4	Antimony oxide (Antimony trioxide)	Cancer			proofing	х
1310-73-2	Sodium Hydroxide	Eyes, Respiratory system, Skin		WA Appen1; Minnesota HRV	Caustic and base	x
	Molybdenum trioxide	System, Skin			steel production, liquid	
	, , , , , , , , , , , , , , , , , , , ,				industrial paints, pigments,	
					water treatment chemicals,	
1313-27-5		Cancer		IARC-2B	lubricant additives,	x
					lubricants/greases, catalyst	
					manufacturing, plant	
					food/fertilizer	
1313-99-1	Nickel oxide	Cancer		Maine (CA Prop 65; EU	Colorant, fuel cell electrodes	x
				Carcinogen); WA Appen1		^
1314-06-3	Dinickel trioxide	Cancer		Maine (EU Carcinogen)	Storage batteries	
1314-20-1	Thorium dioxide	Cancer		Maine (CA Prop 65; NTP 11th ROC);	High temperature mantles	
				WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
1314-41-6	Orange lead (lead tetroxide)	Reprodution		ECHA Substances of Very High Concern	modelling clay, plasters, putties, explosives and fillers, adsorbents, laboratory chemicals, coating products, polymers; used in manufacture of glass, mineral products, electircal, electronic, and optical equipment; machinery and vehicles, rubber products, and plastic products;	x
1314-62-1	Vanadium pentoxide (orthorhombic crystalline form)	Cancer, Respiratory system		Maine (CA Prop 65); WA Appen1; Minnesota HRV	From burning fuel oil, ceramics, catalyst, production of superconductive magnets, photographic developer, UV radiation screening additive in glass	х
1314-84-7	Zinc phosphide	Body Weight		IRIS; WA Appen1	Pesticide	
1317-36-8	Lead monoxide (lead oxide)	Reproduction		ECHA Substances of Very High Concern	ointments, plasters, pottery glazing, lead glass, varnishes; used in rubber and plastics as a vulcanizing agent	х
1319-46-6	Trilead bis(carbonate) dihydroxide	Reproduction		ECHA Substances of Very High Concern	exterior paint pigment, ceramic glazes; used in semiconductors	
1321-64-8	Pentachloronaphthalene [Polychlorinated naphthalenes]		x	Maine (WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Chlorinated naphthalenes mfg	
1321-65-9	Trichloronaphthalene [Polychlorinated naphthalenes]		x	Maine (WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Lubricants mfg in electrical wire insulation	
1325-85-5	1-Naphthalenemethanol, α,α-bis[4- (dimethylamino) phenyl]-4- (methylphenylamino)-		х	Maine (Canada PBiT); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
1325-86-6	1-Naphthalenemethanol, α , α -bis[4-(diethylamino) phenyl]-4-(ethylamino)-		x	Maine (Canada PBiT); WA Appen1		
1326-05-2	Spiro[isobenzofuran-1(3H),9'- [9H]xanthen]-3-one, 2',4',5',7'- tetrabromo-3',6'-dihydroxy-, lead salt		х	Maine (Canada PBiT); WA Appen1		
1326-49-4	C.I. Sulphur Orange 1		Х	Maine (Canada PBiT); WA Appen1		
1327-53-3	Arsenic trioxide, diarsenic trioxide	Cancer		Maine (EU Carcinogen; ECHA Substances of Very High Concern); WA Appen1	Pesticide (EPA reg. cancelled), preserving hides, pigments	х
1330-20-7	Xylene	Eyes, Nervous system, Respiratory system		WA Appen1; Minnesota HRL; Minnesota HRV	Solvent, herbicide, feedstock	х
1330-43-4	Disodium tetraborate, anhydrous	Reproduction		ECHA Substances of Very High Concern	pH regulator and water treatment products, metal working fluids/lubricants/greases, chemical intermediate	х
1330-78-5	Tricresyl phosphate (TCP)	Reproductive; Developmental; Neurological		Washington CHCC	flame retardant, plasticizer	х
1332-21-4	Asbestos (amphibole forms)	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1		
1333-73-9	Boric acid, sodium salt	Reproduction		ECHA Substance of Very High Concern	Cleaning products/household care: dishwasher detergent; Personal eye care: contact lens care; insecticide. Food additives/supplements (source: EPA ChemDash). Other name, Sodium Borate	
1333-82-0	Chromium (VI) trioxide	Cancer		Maine (EU Carcinogen); WA Appen1	Metal finishing, corrosion inhibitor, chemical intermediate, pharmaceutical	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
1333-86-4	Carbon black (airborne, unbound particles of respirable size)	Cancer		Maine (CA Prop 65); WA Appen1	Pigment, printing, drawing inks, chemical reducing agent	x
1335-32-6	Lead subacetate	Cancer, Reproduction		Maine (CA Prop 65; EU Reproductive Toxicant); WA Appen1	Sugar analysis, clarifying	
1335-87-1	Hexachloronaphthalene [Polychlorinated naphthalenes]		x	Maine (WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Capacitors - electric cable coverings	
1335-88-2	Tetrachloronaphthalene [Polychlorinated naphthalenes]		×	Maine (WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Capacitors - electric cable coverings	
1336-36-3	Polychlorinated Biphenyls (PCBs)	Cancer, Development, Endocrine Disruptor	x	Maine (IARC; IRIS; NTP 11th ROC; EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; TRI PBT Chemical List; EPA Priority PBT; NWM Priority Chemicals; OSPAR Chemicals of Concern; Canada PBIT); WA Appen1; Minnesota HRL; Minnesota HRV		
1338-23-4	Methyl ethyl ketone peroxide	Body Weight, Eyes, Mortality, Skin		OECD - SIDS/SIAR	Polymerization initiator, paints mfg, plastics, rubber	х
1344-37-2	C.I. Pigment Yellow 34 [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603.], Lead sulfochromate yellow	Cancer, Reproduction		Maine (EU Reproductive Toxicant); ECHA Substances of Very High Concern	Pigment	x
1402-68-2	Aflatoxins (naturally occurring mixtures of)	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Research	
1460-02-2	benzene, 1,3,5-tris(1,1-dimethylethyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
1461-22-9	Stannane, tributylchloro-		х	Maine (Canada PBiT); WA Appen1	Pesticide (not EPA registered), chemical intermediate	
1461-25-2	Tetrabutyltin (TTBT)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Stabilizer, rust inhibiting agent	х
1464-53-5	Diepoxybutane	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	· ·	



			Dorcistant			
			Persistent, Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
1563-66-2	Carbofuran	Blood, Nervous		HSDB; IRIS; WA Appen1	Pesticide	
		system, Reproductive				
				Maine (EuC Endocrine Disruptor	Pesticide	
				Priority List; EPA Final PBT Rule for		
				TRI; TRI PBT Chemical List; NWM		
1582-09-8	Trifluralin	Endocrine system	x	Priority Chemicals; OSPAR		
				Chemicals of Concern; OSPAR		
				Chemicals for Priority Action;		
				Canada PBiT); WA Appen1; Oregon		
	0.40 Anthur and the at Albertana A			P3 List		
1594-08-7	9,10-Anthracenedione, 1-hydroxy-4-		,,	Maine (Canada PBiT); WA Appen1		
1594-08-7	[[4-[(methylsulfonyl)		х			
1596-84-5	oxy]phenyl]amino]- Daminozide	Cancar		Maine (CA Prop 6E): WA Append	Pesticide, growth regulator	
1390-64-3	Daminozide	Cancer		Maine (CA Prop 65); WA Appen1 Maine (OSPAR Chemicals of	Pesticide, growth regulator	
1606-67-3	1-pyrenamine		X	Concern); WA Appen1		
				Maine (CA Prop 65); WA Appen1	Chemical intermediate,	
1615-80-1	1,2-Diethylhydrazine	Cancer		Walle (CATTOP 03), WA Appelli	research	
				Maine (EuC Endocrine Disruptor	researen	
1634-04-4	Methyl tertiary butyl ether (MTBE)	Endocrine system		Priority List); WA Appen1		х
				IRIS; WA Appen1	Pesticide (EPA reg.	
1646-88-4	Aldoxycarb	Nervous system			cancelled)	
	1-Propanaminium, 3-			Maine (Canada PBiT); WA Appen1	, , , , , , , , , , , , , , , , , , , ,	
	[[(heptadecafluorooctyl)					
1652-63-7	sulfonyl]amino]-N,N,N-trimethyl-,		х			
	iodide					
1689-83-4	Iowail	Endocrino system		Maine (EuC Endocrine Disruptor	Herbicide	
1689-83-4	loxynil	Endocrine system		Priority List); WA Appen1		
1689-84-5	Bromoxynil	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
1689-99-2	Bromoxynil octanoate	Cancer		Maine (CA Prop 65); WA Appen1		
	1-octanesulfonamide, N-ethyl-			Maine (OSPAR Chemicals of	Chemical intermediate	
1691-99-2	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-		x	Concern; Canada PBiT); WA		
123232	heptadecafluoro-N-(2-hydroxyethyl)-		, and a second s	Appen1		
1694-09-3		Conser		Maine (CA Prop CE), WA Asset	Duo	
1094-09-3	Benzyl violet 4B	Cancer		Maine (CA Prop 65); WA Appen1	Dye In tobacco smoke	
1705-85-7	chrysene, 6-methyl-		x	Maine (OSPAR Chemicals of Concern); WA Appen1	III LODACCO SIIIOKE	
			1	Concern, wa appens		1



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (OSPAR Chemicals of	Pesticide (not EPA	
1715-40-8	bromocylene		Х	Concern); WA Appen1	registered) and	
					pharmaceutical	
	Acid [Perfluorooctane sulfonates	Development, Liver,		Maine (WA PBT list); WA Appen1;	Surfactant	
1763-23-1	(PFOS)]	Thyroid	х	WA CHCC; Oregon P3 List;		
		·		Minnesota HRL	N	
1006 26 4	Dhanal 4 actual	For decade a contrar		Maine (EuC Endocrine Disruptor	Nonionic surfactants mfg,	
1806-26-4	Phenol, 4-octyl-	Endocrine system		Priority List); WA Appen1; WA	plasticizers, resins	
				CHCC Maine (OSPAR Chemicals of		
				Concern; OSPAR Chemicals for		
1825-21-4	pentachloroanisole		х	Priority Action); WA Appen1;		
				Oregon P3 List		
				Maine (CA Prop 65; NTP 11th ROC;	Pesticide (EPA reg.	
				EuC Endocrine Disruptor Priority	cancelled)	
1836-75-5	Nitrofen	Cancer, Endocrine	x	List; EU PBT List; OSPAR Chemicals	cancencay	
1030 73 3	THE OTEN	system	^	of Concern); WA Appen1		
				or concern, wa appeni		
4006 77 7	benzene, 1,3,5-trichloro-2-(4-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
1836-77-7	nitrophenoxy)-		Х	Concern); WA Appen1	registered)	
		Kidney, Liver,		IRIS; WA Appen1	Pesticide	
1861-32-1	Chlorthal-dimethy (Dacthal)	Respiratory system,				
		Thyroid				
1861-40-1	benzenamine, N-butyl-N-ethyl-2,6-		x	Maine (OSPAR Chemicals of	Pesticide	
1001 10 1	dinitro-4-(trifluoromethyl)-		^	Concern); WA Appen1		
	2H-Tetrazolium, 3,3'-(3,3'-			Maine (Canada PBiT); WA Appen1	Dye	
1871-22-3	dimethoxy[1,1'- biphenyl]-4,4'-		x			
	diyl)bis[2,5-diphenyl-, dichloride					
	(Tetrazolium blue)					
1897-45-6	Chlorothalonil	Cancer		Maine (CA Prop 65); WA Appen1;	Pesticide	
				Minnesota HRL	Doobioido	
		Cardiovascular		Maine (OSPAR Chemicals of	Pesticide	
1912-24-9	Atrazine	system, Endocrine		Concern; EuC Endocrine Disruptor		
		system, Reproduction		Priority List); WA Appen1; Minnesota HRL - EPA- MCL		
1918-00-9	Dicamba	Development		WA Appen1; Minnesota HRL	Pesticide	
1310-00-3	Dicallina	Endocrine system,		Maine (EuC Endocrine Disruptor	Pesticide, growth regulator	
1918-02-1	Picloram	Liver		Priority List); WA Appen1	r esticide, growth regulator	
1918-16-7	Propachlor	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
1010 IO-7	i ropucinoi	Curicei	l	Intanic (on 1 top 00), WA Appells	i coliciac	1



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
1928-47-8	Acetic acid, (2,4,5-trichlorophenoxy)-, 2-ethylhexyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
1929-77-7	Vernolate (Vernam)	Body Weight		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
1929-82-4	Nitrapyrin	Cancer, Development		Maine (CA Prop 65); WA Appen1	Fertilizer	х
1937-37-7	2,7-Naphthalenedisulfonic acid, 4- amino-3-[[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5- hydroxy -6-(phenylazo)-, disodium salt (C.I. DIRECT BLACK 38)	Cancer	х	Maine (CA Prop 65; Canada PBiT); WA Appen1	Dye	
1940-43-8	phenol, 2,2'-methylenebis[4,6-dichloro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
1983-10-4	Stannane, tributylfluoro-	Endocrine system	x	Maine (Canada PBiT; EuC Endocrine Disruptor Priority List); WA Appen1	Antifouling	
2008-41-5	Butylate	Liver		IRIS; WA Appen1	Pesticide	
2051-24-3	1,1'-biphenyl, 2,2',3,3',4,4',5,5',6,6'- decachloro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Used in electrical systems	
2058-94-8	Henicosafluoroundecanoic acid		Х	ECHA Substances of Very High Concern	PFC	
2092-56-0	D&C Red No. 8	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2104-64-5	Ethyl O-(p-nitrophenyl) phenyl phosphonothionate		x	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Pesticide (EPA reg. cancelled)	
2104-96-3	phosphorothioic acid, O-(4-bromo- 2,5-dichlorophenyl) O,O-dimethyl ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
2134-15-8	Benzoic acid, 2,3,4,5-tetrachloro-6- (2, 4,5,7-tetrabromo-6-hydroxy-3-oxo 3H-xanthen-9-yl) -		х	Maine (Canada PBiT); WA Appen1	Dye	
2155-70-6	Stannane, tributyl[(2-methyl-1-oxo-2-propenyl)oxy]-	Development, Endocrine system	х	Maine (CA Prop 65; EuC Endocrine Disruptor Priority List; Canada PBiT); WA Appen1	Antifouling, pesticide (EPA reg. cancelled)	
2212-67-1	Molinate	Reproduction		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
2215-35-2	Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)-		х	Maine (Canada PBiT); WA Appen1	Oils	х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s) Maine (OSPAR Chemicals of	Use Example(s) and/or Chemical Class Pesticide (EPA reg.	High Production Volume (HPV) Chemical ¹
2227-13-6	tetrasul		х	Concern; OSPAR Chemicals for Priority Action); WA Appen1	cancelled)	
2231-57-4	Carbonothioic dihydrazide	(Mortality: acute exposure) - no repeated dose, Development or Reproduction results available		EPA - HC	Intermediate in mfg of pesticides and agricultural chemicals	
2234-13-1	octachloronaphthalene		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Fireproofing, waterproofing	
2238-07-5	Diglycidyl ether	Systemic		EU Hazard C&L	Diluent for epoxy resins	
2279-76-7	Tri-n-propyltin (TPrT)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
2279-76-7	tri-n-propyltin chloride	Endocrine system		EU Category 1 Endocrine disruptor	antibacterial, fungicide	
2303-17-5	carbamothioic acid, bis(1- methylethyl)-, S-(2,3,3-trichloro-2- propenyl) ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide	
2312-35-8	Propargite	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	
2379-74-0	Benzo[b]thiophen-3(2H)-one, 6- chloro-2-(6-chloro-4-methyl- 3- oxobenzo[b]thien-2(3H)-ylidene)-4- methyl- (D and C Red No. 30)		x	Maine (Canada PBiT); WA Appen1	Dye	
2379-75-1	Benzo[b]thiophen-3(2H)-one, 5- chloro-2-(5-chloro-4,7- dimethyl-3- oxobenzo[b]thien-2(3H)-ylidene)-4,7- dimethyl -		х	Maine (Canada PBiT); WA Appen1		
2385-85-5	Mirex	Cancer, Endocrine system	х	Maine (CA Prop 65; NTP 11th ROC; EuC Endocrine Disruptor Priority List; EPA Priority PBT; WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	registered), fire retardant	
2395-00-8	Perfluorooctanoic Acid (PFOA) and Salts	Development, Immune system, Liver	x	Minnesota HRL	Anti-stain coatings	
2425-06-1	Captafol	Cancer		Maine (CA Prop 65; IARC); WA Appen1	Pesticide (not EPA registered)	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
2425-85-6	2-Naphthalenol, 1-[(4-methyl-2- nitrophenyl)azo]- (CI Pigment Red 3)		x	Maine (Canada PBiT); WA Appen1	Dyes/pigment	
2426-08-6	n-Butyl glycidyl ether	Respiratory, Skin, Cancer		HSDB, EU Hazard C&L	adhesive, paint, epoxy resin	
2429-74-5	C.I. Direct Blue 15	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
				Maine (EuC Endocrine Disruptor		
2437-79-8	1,1'-biphenyl, 2,2',4,4'-tetrachloro-	Endocrine system	х	Priority List; OSPAR Chemicals of		
				Concern); WA Appen1		
2439-01-2	Oxythioquinox (Chinomethionat)	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
2439-10-3	Dodine	Thyroid		IRIS; WA Appen1	Pesticide	
2451-62-9	Triglycidyl isocyanurate	Skin, Systemic		HSDB, EU Hazard C&L	Curing agent for polyester powder coatings	х
2475-45-8	Disperse Blue 1	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Dye	
2487-90-3	Trimethoxysilane	Eyes, Respiratory system, Skin		OECD - SIDS/SIAR	Manufacture of organosilanes	х
2537-62-4	Acetamide, N-[2-[(2-bromo-6-cyano-4- nitrophenyl)azo]-5- (diethylamino)phenyl]- (CI Disperse Blue 183)		x	Maine (Canada PBiT); WA Appen1	Dye	
2538-84-3	Anthra[9,1,2- cde]benzo[rst]pentaphene-5,10-diol, 16,17-dimethoxy-, bis(hydrogen sulfate), disodium salt		х	Maine (Canada PBiT); WA Appen1	Dye	
2545-59-7	acetic acid, (2,4,5-trichlorophenoxy)-, 2-butoxyethyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
2593-15-9	Terrazole	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
2602-46-2	Direct Blue 6 (technical grade)	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2646-17-5	Oil Orange SS	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2653-64-7	2-Naphthalenol, 1-(1- naphthalenylazo)-		х	Maine (Canada PBiT); WA Appen1	Dye	
2668-47-5	[1,1'-biphenyl]-4-ol, 3,5-bis(1,1-dimethylethyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
2778-42-9	Benzene, 1,3-bis(1-isocyanato-1-methylethyl)-		х	Maine (Canada PBiT); WA Appen1	Intermediate, coatings, printing inks, sealants, wood coating	х



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Histor Burnel continue
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
2784-94-3	HC Blue 1	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2795-39-3	Potassium salt [Perfluorooctane	Development, Liver,		Maine (WA PBT List; Canada PBiT);	Emulsifier - fluoropolymer	
	sulfonates (PFOS)]	Thyroid		WA Appen1	polymerization	
	2-Naphthalenol, 1-[(2-chloro-4-			Maine (Canada PBiT); WA Appen1	Dye	
2814-77-9	nitrophenyl)azo]- (D & C Red no. 36)		Х			
2022 40 0	C.L. Diagrams Valley, 2	C		Cal Program CF	during the stilling from	
2832-40-8	C.I. Disperse Yellow 3 3-Aminomethyl-3,5,5-	Cancer Kidney Bespiratory		Cal Prop 65	dyeing textiles, furs	
2855-13-2	trimethylcyclohexylamine	Kidney, Respiratory		OECD - SIDS/SIAR	Epoxy resin curing agent	x
	, i i	system		Maine (OSPAR Chemicals of	Pesticide	
2921-88-2	phosphorothioic acid, O,O-diethyl O-		x	Concern); WA Appen1; Oregon P3	resticide	
2321 00 2	(3,5,6-trichloro-2-pyridyl) ester		^	List		
	1,1,1-Trichloro-2,2-bis(4-			Maine (EuC Endocrine Disruptor	Chemical intermediate for	
2971-22-4	chlorophenyl)ethane	Endocrine system		Priority List); WA Appen1	herbicide	
	Bis-OH-Methoxychlor = 1,1,1-			Maine (EuC Endocrine Disruptor		
2971-36-0	trichloro-2,2-bis(4-	Endocrine system		Priority List); WA Appen1		
	hydroxyphenyl)ethane (HTPE)	,		, , , , , , , , , , , , , , , , , , , ,		
2973-10-6	Diisopropyl sulfate	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate	
3068-88-0	beta-Butyrolactone	Cancer		Maine (CA Prop 65); WA Appen1		
3081-01-4	1,4-benzenediamine, N-(1,4-		x	Maine (OSPAR Chemicals of	Polymerization inhibitor	x
3001 01 4	dimethylpentyl)-N'-phenyl-		^	Concern); WA Appen1		
3090-35-5	Stannane, tributyl[(1-oxo-9-	Endocrine system		Maine (EuC Endocrine Disruptor		
	octadecenyl)	,		Priority List); WA Appen1		
3108-42-7	Ammonium nonadecafluorodecanoate	Reproductive	Х	ECHA Substances of Very High Conc		
3118-97-6	2-Naphthalenol, 1-[(2,4-		x	Maine (Canada PBiT); WA Appen1	Dye	
	dimethylphenyl)azo]-			14 : /OCDAD CI : 1 f	D. I	
3147-75-9	phenol, 2-(2H-benzotriazol-2-yl)-4-		x	Maine (OSPAR Chemicals of	Polymers, stabilizer	
	(1,1,3,3-tetramethylbutyl)-			Concern); WA Appen1	Divis	
3165-93-3	p-chloro-o-toluidine hydrochloride	Cancer		Maine (NTP 11th ROC); WA	Dye	
				Appen1 Maine (Canada PBiT); WA Appen1;	Flame retardant	
3194-55-6	Cyclododecane, 1,2,5,6,9,10-		x	ECHA Substances of Very High	rianie retarualit	
3194-33-0	hexabromo-		^	Concern		
				IARC 2B	antimicrobial, disinfection by	
3252-43-5	Dibromoacetonitrile	Cancer			product	
	1,3,5-Triazine, 2,4-dimethoxy-6-(1-			Maine (Canada PBiT); WA Appen1		
3271-22-5	pyrenyl)-		x			
2270.00.5	benzene, 1,3,5-tribromo-2-(2-			Maine (OSPAR Chemicals of	Flame retardant, polymer	
3278-89-5	propenyloxy)-		Х	Concern); WA Appen1		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
3296-90-0	2,2-Bis(bromomethyl)-1,3- propanediol	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Flame retardant	x
3333-67-3	Nickel carbonate	Cancer		Maine (CA Prop 65); WA Appen1	Electrical components, water treatment	
3337-71-1	Asulam	Liver, Reproduction		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
3351-28-8	chrysene, 1-methyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	PAH (chem-class)	
3380-34-5	Triclosan [2,4,4'-trichloro-2'-hydroxydiphenyl ether]		х	Oregon P3 List	Disinfectant	
3389-71-7	bicyclo[2.2.1]hepta-2,5-diene, 1,2,3,4,7,7-hexachloro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
3424-82-6	benzene, 1-chloro-2-[2,2-dichloro-1- (4-chlorophenyl)ethenyl]-		х	Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1	Pesticide breakdown product	
3468-63-1	2-Naphthalenol, 1-[(2,4-dinitrophenyl)azo]-	Cancer		Maine (CA Prop 65, Canada PBiT); WA Appen1	Pigment	
3563-45-9	1,1,1,2-Tetrachloro-2,2-bis(4- chlorophenyl)ethane (tetrachloro DDT)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Impurity in pesticide	
3564-09-8	Ponceau 3R	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
3570-75-0	2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	Cancer		Maine (CA Prop 65); WA Appen1	Antibacterial	
3648-18-8	Dioctyltin dilaurate	Reproduction		ECHA Substance of Very High Concern	adhesives & sealants, coating products, paper chemicals & dyes, polymers and textile treatment products and dyes (SVHC listing)	
3687-67-0	3H-Indol-3-one, 5-bromo-2-(9-chloro- 3-oxonaphtho[1,2-b]thien-2(3H)- ylidene)-1,2-dihydro-		х	Maine (Canada PBiT); WA Appen1		
3689-24-5	Tetraethyldithiopyrophosphate (Sulfotep)	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
3697-24-3	5-Methylchrysene	Cancer		Maine (CA Prop 65; EPA Final PBT Rule for TRI; NTP 11th ROC); WA Appen1	From incomplete combustion, PAH (chem-class)	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
3701-40-4	2,7-Naphthalenedisulfonic acid, 4-hydroxy-3-[[4'-[(2-hydroxy- 1-naphthalenyl)azo]-2,2'-dimethyl[1,1'-biphenyl]-4-yl]azo]-, disodium salt		х	Maine (Canada PBiT); WA Appen1		
3734-48-3	4,7-methano-1H-indene, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemicals intermediate	
3761-53-3	Ponceau MX	Cancer		Maine (CA Prop 65); WA Appen1	Dye/colorant	
3767-68-8	9,10-Anthracenedione, 1-amino-4-(2-benzothiazolylthio)-		х	Maine (Canada PBiT); WA Appen1		
3810-74-0	Streptomycin sulfate	Development		Maine (CA Prop 65); WA Appen1	Pesticide, pharmaceutical	
3825-26-1	Perfluorooctanoic Acid (PFOA) and Salts	Development, Immune system, Liver	х	Minnesota HRL	Anti-stain coatings	
3830-45-3	Decanoic acid, nonadecafluoro-, sodium salt	Reproductive	х	ECHA Substances of Very High Conce	PFC	
3846-71-7	phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	UV absorbers	
3871-99-6	Potassium perfluorohexanesulfonate (PFHxS)	Liver system; Thyroid	х	Minnesota HRL; ECHA Substances of Very High Concern	PFC; stain-resistant fabrics; fire-fighting foams; food packaging; industrial surfactant	
3972-13-2	DIDT		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
4027-18-3	4-Oxo-4-[(tributylstannyl)oxy]-2- butenoic acid		х	Maine (Canada PBiT); WA Appen1	Pesticide	
4098-71-9	3-Isocyanatomethyl-3,5,5- trimethylcyclohexyl isocyanate	Eyes, Respiratory system, Skin			Chemical intermediate and monomer for polyurethane	х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
4170-30-3	Crotonaldehyde	Cancer		IARC 2B	Chemical intermediate in syntesizing other chemcials for diverse industries. Primary industries using as an intermediate are pharmaceuticals, rubber, chemicals, leather, food, and agriculture. Found in tobacco smoke. Intermediate in chemicals manufactured for use in resins, paints/coatings, dyestuffs, rubbers, adhesives, and chemicals used to tan leather. E-isomer listed by US EPA as associated with hydraulic fracturing. Used as warning agent in fuel gases for locating breaks/leaks in pipes	
4329-12-8	m,p'-DDD	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
4342-30-7	Phenol, 2- [[(tributylstannyl)oxy]carbonyl]-	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; Canada PBiT); WA Appen1		
4342-36-3	Stannane, (benzoyloxy)tributyl-	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
4376-20-9	Mono 2 ethyl hexylphthalate (MEHP)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	Plasticizer	
4378-61-4	dibenzo[def,mno]chrysene-6,12- dione, 4,10-dibromo- (Pigment Red 168)	_	х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pigment	
4395-65-7	9,10-Anthracenedione, 1-amino-4- (phenylamino)- (Disperse Blue 19)		х	Maine (Canada PBiT); WA Appen1	Dye	
4400-06-0	4-Hydroxy-3,4',5-trichlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		



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			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
4474-24-2	Benzenesulfonic acid, 3,3'-[(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[2,4,6-trimethyl -, disodium salt		х	Maine (Canada PBiT); WA Appen1	Dye	
4549-40-0	N-Nitrosomethylvinylamine	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Research	
4782-29-0	Stannane, [1,2- phenylenebis(carbonyloxy)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
4824-78-6	phosphorothioic acid, O-(4-bromo- 2,5-dichlorophenyl) O,O-diethyl ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
4904-61-4	1,5,9-cyclododecatriene		х	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Feedstock	
4979-32-2	N,N-dicyclohexyl-2- benzotazothiazolesulfenamide (DCBS)	Adrenal glands, Kidney, Spleen		OECD - SIDS/SIAR	Rubber accelerator	х
5103-71-9	Chlordane, cis-		х	Oregon P3 List	Pesticide (not EPA registered)	
5103-73-1	Cis-Nonachlor	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
5103-74-2	Chlordane, trans-		х	Oregon P3 List	Pesticide (not EPA registered)	
5124-30-1	4,4´ Methylenedicyclohexyl diisocyanate	Eyes, Respiratory system, Skin		OECD - SIDS/SIAR	Binders and hardeners for coating materials or adhesives mfg	х
5160-02-1	D&C Red No. 9	Cancer		Maine (CA Prop 65); WA Appen1	Paints, cosmetics, drugs, inks	
5216-25-1	p-a,a,a-Tetrachlorotoluene	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate for dyes, organic chemicals	
5234-68-4	Carboxin	Body weight, Mortality, Organs		IRIS; WA Appen1	Pesticide	
5261-31-4	Propanenitrile, 3-[[2- (acetyloxy)ethyl][4- [(2,6-dichloro-4- nitrophenyl)azo]phenyl]amino]- (C.I. Disperse Orange 30)		х	Maine (Canada PBiT); WA Appen1	Dyes	
5285-60-9	benzenamine, 4,4'-methylenebis[N-(1 methylpropyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
5385-75-1	Dibenzo(a,e)fluoranthene		x	Maine (EPA Final PBT Rule for TRI); WA Appen1	Combustion by-product, PAH (chem-class)	
		Liver, Reproduction,		EPA - HC	Pharmaceutical mfg,	
5419-55-6	Triisopropylborate	Spleen, Thyroid			lubricant additive	х
5436-43-1	PBDE-047 [2,2',4,4'-		x	Oregon P3 List; WA Appen1	Flame retardants added to	
	Tetrabromodiphenyl ether]				plastic products	
				Maine (EuC Endocrine Disruptor		
5466-77-3	2-ethyl-hexyl-4-methoxycinnamate	Endocrine system		Priority List); WA Appen1; WA CHCC		
5510-99-6	phenol, 2,6-bis(1-methylpropyl)-		V	Maine (OSPAR Chemicals of	Antioxidant and stabilizer in	
5510-99-6	, , , , , , , , , , , , , , , , , , , ,		Х	Concern); WA Appen1	plastics	
5543-57-7	(S)-4-hydroxy-3-(3-oxo-1- phenylbutyl)-2-benzopyrone	Reproduction		Maine (EU Reproductive Toxicant)	Sunscreen	
5589-96-8	Bromochloroacetic acid	Cancer		CA Prop 65	By-product from water disinfection	
5902-51-2	Terbacil	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
5989-27-5	cyclohexene, 1-methyl-4-(1-			Maine (OSPAR Chemicals of	Flavorings, fragrances,	
5989-27-5	methylethenyl)-, (R)-		х	Concern); WA Appen1	cosmetics, insecticide	х
6109-97-3	3-Amino-9-ethylcarbazole hydrochloride	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
	Heptanoic acid, tridecafluoro-,			Maine (Canada PBiT); WA Appen1		
6130-43-4	ammonium salt		Х			
		Carrage Endangina		Maine (CA Prop 65; EuC Endocrine	Pesticide (EPA reg.	
6164-98-3	Chlordimeform	Cancer, Endocrine system		Disruptor Priority List); WA Appen1	cancelled)	
	Ethanol, 2-[[4-[(2,6-dichloro-4-			Maine (Canada PBiT); WA Appen1		
6232-56-0	nitrophenyl)		x	Walle (callada i Bir), Withpelia		
0202 00 0	azo]phenyl]methylamino]-		^			
				Maine (Canada PBiT); WA Appen1	Dye	
6250-23-3	Phenol, 4-[[4-(phenylazo)phenyl]azo]-		x	(- /-	
	(C.I. Disperse Yellow 23)					
	Phenol, 4-[[4-(phenylazo)-1-			Maine (Canada PBiT); WA Appen1	Dye	
6253-10-7	naphthalenyl]azo]-		х		,	
6257.00.0	[1,1'-Biphenyl]-4-ol, 3,4',5-tris(1,1-			Maine (Canada PBiT); WA Appen1		
6257-39-2	dimethylethyl)-		Х			
	Phenol, 2-methyl-4-[[4-			Maine (Canada PBiT); WA Appen1	Dye	
6300-37-4	(phenylazo)phenyl]azo]- (Disperse		х			
	Fast Yellow 4K)					
6358-53-8	Citrus Red No. 2	Cancer		Maine (CA Prop 65); WA Appen1	Dye	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
6358-57-2	2,7-Naphthalenedisulfonic acid, 3- [[2,2'-dimethyl-4'-[[4- [[(4- methylphenyl)sulfonyl]oxy]phenyl]az o][1,1'-biphenyl]-4-yl]azo]-4-hydroxy- , disodium salt		х	Maine (Canada PBiT); WA Appen1	Dye	
6368-72-5	2-Naphthalenamine, N-ethyl-1-[[4- (phenylazo)phenyl]azo]- (C.I. Solvent Red 19)		x	Maine (Canada PBiT); WA Appen1	Dye	
6371-23-9	Benzo[b]thiophen-3(2H)-one, 5,7- dichloro-2-(6-chloro- 4-methyl-3- oxobenzo[b]thien-2(3H)-ylidene)-4- methyl -		х	Maine (Canada PBiT); WA Appen1		
6373-31-5	Naphth[2,3-c]acridine-5,8,14(13H)-trione, 6,10,12-trichloro-		×	Maine (Canada PBiT); WA Appen1		
6407-74-5	3H-Pyrazol-3-one, 4-[(2-chlorophenyl)azo]-2, 4-dihydro-5-methyl-2-phenyl-		х	Maine (Canada PBiT); WA Appen1	Dye	
6407-78-9	3H-Pyrazol-3-one, 4-[(2,4-dimethylphenyl)azo] -2,4-dihydro-5-methyl-2-phenyl-		x	Maine (Canada PBiT); WA Appen1	Dye	
6408-50-0	9,10-Anthracenedione, 1- (methylamino)-4-[(3- methylphenyl)amino]-		x	Maine (Canada PBiT); WA Appen1	Dye	
6409-68-3	2-Anthracenecarboxaldehyde, 1- amino-9,10-dihydro-9,10-dioxo-, 2- [(1-amino-9,10-dihydro- 9,10-dioxo-2- anthracenyl)methylene]hydrazone		х	Maine (Canada PBiT); WA Appen1	Dye	
6410-13-5	2-Naphthalenol, 1-[(4-chloro-2- nitrophenyl)azo]- (Pigment Red 6)		х	Maine (Canada PBiT); WA Appen1	Dye	
6410-41-9	2-Naphthalenecarboxamide, N-(5-chloro-2,4-dimethoxyphenyl) -4-[[5-[(diethylamino)sulfonyl]-2-methoxyphenyl]azo]-3-hydroxy- (C.I. Pigment Red 5)		х	Maine (Canada PBiT); WA Appen1	Dye	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
6417-38-5	Naphth[2,3-c]acridine-10-carboxamide, N-[5-(benzoylamino)-9,10-dihydro-9,10-dioxo-1-anthracenyl]-5,8,13,14-tetrahydro -5,8,14-trioxo-		х	Maine (Canada PBiT); WA Appen1	Dye	
6459-94-5	C.I. Acid Red 114	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
6465-02-7	Carbamic acid, [4-[[4-[(4-hydroxyphenyl) azo]-2-methylphenyl]azo]phenyl]-, methyl ester		х	Maine (Canada PBiT); WA Appen1	,	
6471-01-8	2-Anthracenesulfonic acid, 4,4'-[(1-methylethylidene) bis(4,1-phenyleneimino)]bis[1-amino-9,10-dihydro -9,10-dioxo-, disodium salt (C.I. Acid Blue 127)		х	Maine (Canada PBiT); WA Appen1	Dye	
6477-64-1	Lead dipicrate	Reproduction		ECHA Substances of Very High Concern	explosive	
6535-42-8	1-Naphthalenol, 4-[(4- ethoxyphenyl)azo]- (C.I. Solvent Red 3)		x	Maine (Canada PBiT); WA Appen1	Dye	
6683-19-8	Irganox 1010	Development		EPA - HC	Antioxidant	х
6731-36-8	Peroxide, (3,3,5- trimethylcyclohexylidene) bis[(1,1- dimethylethyl)		x	Maine (Canada PBiT); WA Appen1	Rubber mfg	
6786-83-0	1-Naphthalenemethanol, α,α-bis[4- (dimethylamino) phenyl]-4- (phenylamino)-		х	Maine (Canada PBiT); WA Appen1	Colorants	
6807-17-6	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	Reproductive		ECHA Substances of Very High Conc	personal care products; paper production	
6842-15-5	1-propene, tetramer		х	Maine (OSPAR Chemicals of Concern); WA Appen1		х
6846-50-0	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	Kidney, Liver		OECD - SIDS/SIAR	Plasticizer	х
6936-40-9	benzene, 1,2,4,5-tetrachloro-3- methoxy-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
7012-37-5	1,1'-biphenyl, 2,4,4'-trichloro-	Endocrine system	x	Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Electrical systems	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
7099-43-6	5,6-Cyclopento-1,2-benzanthracene	Endocrine system		Maine (EuC Endocrine Disruptor		
		,		Priority List); WA Appen1		
7139-02-8	pyrimido[5,4-d]pyrimidine, 2,6-dichloro-4,8-di-1-piperidinyl-		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical intermediate	
7147-42-4	Butanamide, 2,2'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methylphenyl)-3-oxo-		х	Maine (Canada PBiT); WA Appen1	Pigments, inks, plastics	
7287-19-6	Prometryn	Bone marrow, Kidney, Liver		IRIS; WA Appen1	Pesticide	
7328-97-4	Oxirane, 2,2',2",2"'-[1,2- ethanediylidenetetrakis(4,1- phenyleneoxymethylene)]tetrakis -		х	Maine (Canada PBiT); WA Appen1	Epoxy resins	
7400-08-0	p-Coumaric acid (PCA)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Reactant	
7439-92-1	Lead	Cancer, Development, Reproduction	х	Maine (CA Prop 65; IRIS; NTP 11th ROC; TRI PBT Chemical List; EPA Priority PBT; NWM Priority Chemicals); WA Appen1; Oregon P3 List	Lead acid batteries (several other uses)	х
7439-96-5	Manganese	Nervous system		WA Appen1; Minnesota HRV; Minnesota RAA	Batteries, inks, dyes (several other uses)	х
7439-97-6	Mercury	Development	х	Maine (CA Prop 65; TRI PBT Chemical List; EPA Priority PBT; NWM Priority Chemicals); WA Appen1; WA CHCC		
7440-02-0	Nickel (Metallic)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Jewelry (several other uses)	х
7440-22-4	Silver	Argyria		WA Appen1; IRIS; Minnesota HRL	Contaminant in water (several uses)	х
7440-28-0	Thallium salts	Liver		WA Appen1; Minnesota HRL	Coal burning and smelting	
7440-36-0	Antimony	Blood		WA Appen1; WA CHCC; Minnesota HRV	Alloys mfg	х
7440-38-2	Arsenic and arsenic compounds	Cancer	х	Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Oregon P3 List; Minnesota HRV	Pesticide, catalyst	
7440-39-3	Barium	Cardiovascular system, Kidney		WA Appen1; IRIS; Minnesota HRL	Alloys, carrier for radium	



			Danistana.			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Histor Book doorstoor
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
7440-41-7	Beryllium and beryllium compounds	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRV	Component of metal alloys, materials for space options, aircraft brakes (several uses)	
7440-42-8	Boron	Development		WA Appen1; Minnesota RAA	Composite structural materials, high temperature abrasive for alloys (several uses)	
7440-43-9	Cadmium	Cancer, Development, Kidney, Reproduction	х	Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC; NWM Priority Chemicals); WA Appen1; Oregon P3 List; Minnesota HRV; Minnesota HRL	Electroplating, enamels, batteries	
7440-48-4	Cobalt metal powder	Cancer		Maine (CA Prop 65); WA Appen1; WA CHCC	Metal alloys, aluminum salts, in tools (several uses)	х
7440-66-6	Zinc	Blood chemistry		IRIS; WA Appen1; Minnesota HRL	Galvanizing sheet metal, coatings for metals	х
7446-27-7	Lead phosphate	Cancer, Reproduction		Maine (CA Prop 65; EU Reproductive Toxicant); WA Appen1	Stabilizer in plastics	
7487-94-7	Mercuric chloride	Immune system		IRIS; WA Appen1	Perservative, battery cases	
7496-02-8	6-Nitrochrysene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1		
7632-04-4	Sodium peroxometaborate	Reproduction		ECHA Substances of Very High Concern	Bleaching agent for textiles, detergents, soaps, mouthwash, medical	
7646-79-9	Cobalt dichloride	Cancer		Maine (ECHA Substances of Very High Concern); WA Appen1	Absorbent in ammonia masks, lubricant, dye mordant	
7647-01-0	Hydrochloric acid	Eyes, Respiratory system		WA Appen1; Minnesota HRV	Cleaning (several uses)	х
7664-38-2	Phosphoric acid	Respiratory system		IRIS; WA Appen1	Catalyst, etchant, superphosphates for fertilizer mfg	х
7664-39-3	Hydrofluoric acid	Respiratory system		WA Appen1; Minnesota HRV	Cleaning, catalyst, several others	х
7664-41-7	Ammonia	Eyes, Respiratory system		WA Appen1; Minnesota HRV	Fertilizer, refrigerant, others	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
	strong inorganic acid mists		(:::2)	Maine (CA Prop 65; IARC; NTP 11th		
7664-93-9	containing sulfuric acid	Cancer		ROC); WA Appen1	0,011	х
7697-37-2	Nitric acid	Respiratory system		Minnesota HRV	Fertilizer, cleaning	х
7723-14-0	Phosphorus	Development		IRIS; WA Appen1	Phosphoric acid mfg	х
7738-94-5	Chromic acid	Cancer		ECHA Substances of Very High Concern	chromium-plating, chemical intermediate, medicine, ceramic glazes, metal cleaning, inks, tanning, paints, textile mordant, etchant for plastics, photographic chemical, wood preservative	
7758-01-2	Potassium bromate	Cancer		Maine (CA Prop 65); WA Appen1	Oxidizing agent	
7758-19-2	Chlorite (sodium salt)	Nervous system		IRIS; WA Appen1	Bleaching agent, water purification, disinfectant	х
7758-97-6	Lead chromate	Cancer, Reproduction		Maine (EU Reproductive Toxicant); ECHA Substances of Very High Concern	Pigment	
7775-11-3	Sodium chromate	Mutagen, Cancer, Reproduction		ECHA Substances of Very High Concern	inks, dying paint pigment, leather tanning, anti- corrosive, former wood preservative	
7775-14-6	Sodium dithionite	Eyes, Genotoxic		OECD - SIDS/SIAR	Reducing agent, oxygen scavenger	х
7778-39-4	Arsenic acid	Cancer		ECHA Substances of Very High Concern	glass making, wood treating process, desiccant for cotton	
7778-50-9	Potassium dichromate	Mutagen, Cancer, Reproduction		ECHA Substances of Very High Concern	tanning leather, dye, painting, printing, break linings, waterproofing fabrics	
7782-49-2	Selenium		х	Oregon P3 List; WA Appen1; Minnesota HRL	Industrial processes; Naturally occurring	
7782-50-5	Chlorine	Respiratory system		WA Appen1; Minnesota HRV	Disinfectant	х
7783-00-8	Selenious acid	Blood		IRIS; WA Appen1	Oxidizing agent, reagent for alkyloids	
7783-06-4	Hydrogen sulfide	Respiratory system		IRIS; WA Appen1; Minnesota HRV	Decaying matter, by product	х



			-			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (EU Carcinogen; EU	Pesticide (not EPA	
7784-40-9	Lead hydrogen arsenate	Cancer, Reproduction		Reproductive Toxicant; ECHA	registered)	
7784-40-3	Lead Hydrogen arsenate	Cancer, Reproduction		Substances of Very High Concern);		
				WA Appen1		
7784-42-1	Arsine	Blood		WA Appen1; Minnesota HRV	Organic synthesis, poison gas	
				ECHA Substances of Very High	inks; limited application in	
1				Concern	enamels, finishing, leather,	
7789-00-6	Potassium chromate	Mutagen, Cancer			rustproofing of metals;	
					textile mordant, chromate	
					pigments	
				ECHA Substances of Very High	corrosion inhibitor, colorant	
				Concern	in polyvinyl chloride resins,	
7789-06-2	Strontium chromate	Cancer			chrome plating reagent	х
				ECHA Substances of Very High	mordant for dyeing,	
		Mutagan Canaan		Concern	pigments, chrome alum,	
7789-09-5	Ammonium dichromate	Mutagen, Cancer,			leather tanning, synthetic	
		Reproduction			perfumes, photography,	
					pyrotechnics, fireworks	
7789-12-0	Sodium dichromate, dihydrate	Cancer, Genotoxic,	x	Maine (ECHA Substances of Very	Contaminant from	
7789-12-0	Sociali dicinomate, dinyarate	Reproduction	^	High Concern); WA Appen1	electroplating, tanning	
				Minnesota HRV; WA Appen1	Pesticide (EPA reg.	
7803-51-2	Phosphine	Body weight			cancelled), organic	
					preparations	
				Maine (CA Prop 65; IRIS; NTP 11th	Pesticide (EPA reg.	
				ROC; EuC Endocrine Disruptor	cancelled)	
		Cancer, Endocrine		Priority List; EPA Final PBT Rule for		
8001-35-2	Toxaphene	system	Х	TRI; TRI PBT Chemical List; EPA		
		.,		Priority PBT; WA PBT List; OSPAR		
				Chemicals of Concern); WA		
				Appen1; Minnesota HRL		
8001-50-1	Strobane		x	Maine (OSPAR Chemicals of	Pesticide (not EPA	
	-			Concern); WA Appen1	registered)	
8001-58-9	Creosotes	Cancer		Maine (IARC; IRIS); WA Appen1	wood preservation, lubricant	x
8002-05-9	Petroleum		х	Maine (Canada PBiT); WA Appen1	Petroleum	х
8006-64-2	Turpentine oil	Eyes, Skin		HSDB	Solvent and diluent	Х



			Dandatant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				, , ,	Roofing, burning as fuel,	
8007-45-2	Coal-tars	Cancer		WA Appen1; Minnesota HRV	medicated pet shampoo	
		Blood,		HSDB; ATSDR	Jet fuel, auto-care products,	
		Gastrointestinal			camp fuel,	
8008-20-6	Kerosene (JP-5, JP-8)	system, Kidney,			degreaser/cleaner, home	Х
		Nervous system,			maintenance products,	
		Respiratory system			solvent	
				ECHA Substances of Very High	coating products, inks and	
				Concern	toners, anti-freeze products	
8012-00-8	Pyrochlore, antimony lead yellow	Reproduction			and fillers, putties, plasters,	
					modelling clay	
				Maine (CA Prop 65; EuC Endocrine	Pesticide	
8018-01-7	Mancozeb	Cancer, Endocrine		Disruptor Priority List); WA Appen1		
		system		, , , , , , , , , , , , , , , , , , ,		
				HSDB; ATSDR	Spot and stain removal,	
					diluent for paints, coatings	
8052-41-3	Stoddard solvent	Liver, Nervous system			and waxes, dry cleaning	Х
					agent	
0005 40 0				IRIS; WA Appen1	Pesticide (EPA reg.	
8065-48-3	Demeton	Nervous system			cancelled)	
0000 44 0	Clarker AFO	Frada avisa a sustana		Maine (EuC Endocrine Disruptor	congeners of PCBs	
8068-44-8	Clophen A50	Endocrine system		Priority Lists); WA Appen1		
0072 20 6	ethanol, 1,1-bis(4-chlorophenyl)-,			Maine (OSPAR Chemicals of		
8072-20-6	mixed		х	Concern); WA Appen1		
9004-66-4	Iron dextran complex	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Catalyst, pigment, drugs,	
9004-66-4	iron dextran complex	Cancer		WA Appen1	agriculture	
		Cancer, Development,		Maine (CA Prop 65; EuC Endocrine	Pesticide	
9006-42-2	Metiram			Disruptor Priority List); WA Appen1		
		Endocrine system				
	Polyethylene glycol nonlyphenyl			Maine (OSPAR Chemicals of	Surfactant, pesticide (EPA	
9016-45-9	ether (nonylphenolethoxylate)	Endocrine system		Concern; EuC Endocrine Disruptor	reg. cancelled)	
	ether (nonyiphenolethoxylate)			Priority List); WA Appen1		
				Minnesota HRV	Source of	
9016-87-9	Methylene Diphenyl Diisocyanate	Respiratory system			fordiphenylmethane-4-4'-	
3010-87-9	and Polymeric MDI	nespiratory system			diisocyanate, used for	
					particle board binders	
10024-97-2	Nitrous avida	Dovolonment		Maine (CA Prop 65)	Pharmaceutical, detection of	
10024-97-2	Nitrous oxide	Development			leaks in pipes	



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical
				Maine (CA Prop 65); WA Appen1	Electroplating and electro	
10026-24-1	Cobalt sulfate heptahydrate	Cancer			chemical industry, colorant,	
					drying agent	
		_		Maine (CA Prop 65; NTP 11th ROC);	, ,,	
10034-93-2	Hydrazine sulfate	Cancer		WA Appen1	soldering, blood tests,	
					fungicide, pharmaceutical	
	Boric acid (has a second CAS #: 11113	Endocrine system,		Maine (EuC Endocrine Disruptor	Pesticide, flame retardant,	
10043-35-3	50-1)	Reproduction		Priority List); WA Appen1; ECHA	soldering flux,	х
	,			Substances of Very High Concern	weatherproofing	
10043-92-2	Radon-222 and its decay products	Cancer		Maine (IARC; NTP 11th ROC); WA	Decay product of radium	
10010100	, ·			Appen1		
10048-13-2	Sterigmatocystin	Cancer		Maine (CA Prop 65); WA Appen1	Metabolite of aflatoxin	
10049-04-4	Chlorine Dioxide	Respiratory system		WA Appen1; Minnesota HRV	Pesticide, bleaching agent,	x
					disinfectant, leather	
10099-74-8	Lead dinitrate	Development		ECHA Substances of Very High	matches, explosives,	
10100 110				Concern	tanning, mordant	
10102-44-0	Nitrogen Dioxide	Respiratory system		WA Appen1; Minnesota HRV	Bleach, catalyst	
10100 61 0				Maine (OSPAR Chemicals of	Photography, veterinary	
10108-64-2	Cadmium chloride		Х	Concern); WA Appen1	pharmaceutical, pesticide	
				ECHA Culatora and Manualliah	(EPA reg. cancelled)	
	Cadariana adalahata	Reproduction,		ECHA Substances of Very High	pigment, fluorescent	
10124-36-4	Cadmium sulphate	Mutagen, Cacner,		Concern	screens, cadmium soaps as	
	(second CAS# 31119-53-6)	Systemic			components of PVC	
				Marine (CA Due of CE AITD 44th DOC)	stabilizers (decreasing use)	
10124-43-3	Cobalt sulfate	Cancer		Maine (CA Prop 65; NTP 11th ROC);	in patteries, electropiating	x
				WA Appen1 ECHA Substances of Very High	cobalt pigments and	
				Concern	invisible inks, decorating	
				Concern	stoneware/porcelain,	
10141-05-6	Cabalt(II) dinitrata	Danuadutian Canaan			production of vitamin B12	
10141-05-6	Cobalt(II) dinitrate	Reprodution, Cancer				X
					supplements, medication,	
					hair dyes, additive to soils	
10265 02 6	Mathamidanhas	Nonvous austans		IDIC: MA Appoint	and animal feed	
10265-92-6	Methamidophos	Nervous system		IRIS; WA Appen1	Pesticide	
10448-09-6	Cyclotetrasiloxane, heptamethylphenyl-		х	Maine (Canada PBiT); WA Appen1	Adhesive binder	
		Canaan Davidania		Maine (CA Prop 65; EuC Endocrine	Pesticide	
10453-86-8	Resmethrin	Cancer, Development,		Disruptor Priority List); WA Appen1		
		Endocrine system				



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
10588-01-9	Sodium dichromate (second CAS# listed on SVHC: 7789- 12-0)	Mutagen, Cancer, Reproduction	(VI VB)	ECHA Substances of Very High Concern	wood preservative, inks, electric batteries, chrome pigments, corrosion inhibiting paints	х
10595-95-6	N-Nitrosomethylethylamine	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Research	
11081-15-5	Phenol, isooctyl-	Endocrine system		Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemical of Concern); WA Appen1	Surfactant	
11096-82-5	PCB Aroclor 1260 (Clophen A60)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	РСВ	
11097-69-1	PCB Aroclor 1254	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	РСВ	
11103-86-9	Potassium hydroxyoctaoxodizincatedichromate	Cancer		ECHA Substances of Very High Concern	anti-corrosion pigment in primer paint	
11120-22-2	Silicic acid, lead salt	Reproduction		ECHA Substances of Very High Concern	production of glass, lead crystalware	
11138-47-9	Perboric acid, sodium salt	Reproduction		ECHA Substances of Very High Concern	laundry detergent, dishwashing detergent, stain removers, mouthwash solution	
12001-28-4	Asbestos (crocidolite)	Cancer		Maine (EU Carcinogen)		
12001-29-5	Asbestos (chrysotile)	Cancer		Maine (EU Carcinogen)		
12002-48-1	Trichlorobenzene	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Dye carriers, heat transfer medium	
12008-41-2	Disodium octaborate	Reproductive		ECHA Substances of Very High Conc	wood preservation, anti- freeze products, heat transfer liquids, lubicants/greases, washing/cleaning products	х
12035-36-8	Nickel dioxide	Cancer		Maine (EU Carcinogen)	U/ > 2 G p : 2 2 - 2 40	
12035-72-2	Nickel subsulfide	Cancer		Maine (CA Prop 65; EU Carcinogen; IRIS); WA Appen1; Minnesota HRV	Lithium batteries, smelting	х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
12036-76-9	Lead oxide sulfate	Reproduction		ECHA Substances of Very High Concern	plastics for wire/cables, plastics for exterior construction, platics for water pipes, plastics for mini blinds, protection pipes and profiles for cables, gas pipes, mirror backing	
12054-48-7	Nickel (II) hydroxide	Cancer		Maine (CA Prop 65); WA Appen1	Nickel salts mfg, Ni-Cd batteries	х
12065-90-6	Pentalead tetraoxide sulphate	Reproduction		ECHA Substances of Very High Concern	stabiliser, PVC processing, lead battery production	
12070-12-1	Cobalt metal with tungsten carbide	Cancer		IARC 2A	In metal cutting tools; cemen	ted carbide tools
12122-67-7	Zineb	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (EPA reg. cancelled)	
12125-56-3	Nickel (III) hydroxide	Cancer		Maine (CA Prop 65); WA Appen1	Nickel salt	
12141-20-7	Trilead dioxide phosphonate	Reproduction		ECHA Substances of Very High Concern	polymers, coating products, adhesives, sealants; can be found in plastic, rubber, and metal products	
12172-73-5	Asbestos (amosite)	Cancer		Maine (EU Carcinogen)		
12174-11-7	Palygorskite fibers (> 5mm in length) (Attapulgite)	Cancer		Maine (CA Prop 65); WA Appen1	Fertilizer production, suspending aid	
12202-17-4	Tetralead trioxide sulphate	Reproduction		ECHA Substances of Very High Concern	wire insulation and jacketing; polymers and coating products; used for manufacture of electrical, electronic and optical equipment, machinery and vehicles, plastic products, chemicals and metals	х
12236-64-5	2-Naphthalenecarboxamide, N-[4- (acetylamino)phenyl] -4-[[5- (aminocarbonyl)-2-chlorophenyl]azo]- 3-hydroxy -		х	Maine (Canada PBiT); WA Appen1	Plastics, paints	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
12239-34-8	Acetamide, N-[5-[bis[2- (acetyloxy)ethyl] amino]-2-[(2-bromo- 4,6-dinitrophenyl)azo]-4- ethoxyphenyl]- (C.I. Disperse Blue 79)		х	Maine (Canada PBiT); WA Appen1	Pigment	
12408-10-5	Benzene, tetrachloro-		Х	Maine (Canada PBiT); WA Appen1		
12427-38-2	Maneb	Cancer, Endocrine system		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
12510-42-8	Erionite	Cancer		Maine (CA Prop 65; EU Carcinogen); WA Appen1	Water softeners, detergents, cracking catalysts	
12578-12-0	Dioxobis(stearato)trilead	Reproduction		ECHA Substances of Very High Concern	polymers; formulation of mixtures and/or re- packaging; used in manufacture of plastic products; can be found in products with material based on plastic and metal	
12626-81-2	Lead titanium zirconium oxide	Reproduction		ECHA Substances of Very High Concern	can be found in products with material based on stone, plaster, cement, glass, or ceramic; used in polymers	
12642-23-8	PCT Aroclor 5442	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
12656-85-8	C.I. Pigment Red 104 [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.], Lead chromate molybdate sulfate red	Cancer, Reproduction		Maine (EU Reproductive Toxicant); ECHA Substances of Very High Concern	Pigment	
12672-29-6	PCB Aroclor 1248	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	РСВ	
12674-11-2	Aroclor 1016 (PCBs)	Development, Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); IRIS; WA Appen1	Formerly used for capacitors - current leachate from landfills/improper disposal	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (Canada PBiT; IRIS; EuC	Pesticide (EPA reg.	
12789-03-6	Chlordane	Cancer	х	Endocrine Disruptor Priority List);	cancelled)	
				WA Appen1		
13048-33-4	1,6-Hexanediol diacrylate	Skin		HSDB	Chemical intermediate,	x
130 10 33 1	,	Skiii			crosslinking agent	^
13049-13-3	4,4'-Dihydroxy-3,3',5,5'-	Endocrine system		Maine (EuC Endocrine Disruptor	PCB	
200 .5 20 0	tetrachlorobiphenyl	Zindodinie dyddeini		Priority List); WA Appen1		
	Benzenamine, 4,4'-[(1-			Maine (Canada PBiT); WA Appen1		
13080-86-9	methylethylidene) bis(4,1-		Х			
	phenyleneoxy)]bis-					
42424 70 5				Maine (CA Prop 65; OSPAR	Pesticide (not EPA	
13121-70-5	stannane, tricyclohexylhydroxy-	Cancer	X	Chemicals of Concern); WA Appen1	registered)	
13194-48-4	Ethoprop	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (CA Prop 65; NTP 11th ROC);		
13256-22-9	N-Nitrososarcosine	Cancer		WA Appen1		
	distance of the control of the distance of the			Maine (OSPAR Chemicals of High	Pesticide	
13356-08-6	distannoxane, hexakis(2-methyl-2-	Cancer	х	Concern); WA Appen1; Oregon P3		
	phenylpropyl)-			List		
13424-46-9	Lead azide, lead diazide	Reproduction		Maine (EU Reproductive Toxicant)	Explosives	
	· ·	·		Marina (CA Puero CE, IDIC) MAA	Charaire Linterna edicte	
13463-39-3	Nickel carbonyl	Cancer, Development		Maine (CA Prop 65; IRIS); WA	Chemical intermediate,	
12462 67 7	Titopium diavida	Descripate my systems		Appen1	catalyst, glass plating	
13463-67-7 13530-65-9	Titanium dioxide Zinc chromates	Respiratory system Cancer		HSDB; WA Appen1 Maine (EU Carcinogen)	Pigment, pharmaceutical	X
13530-05-9	4,4'-Methylenedianiline	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Posearch spandov materials	
13552-44-8	dihydrochloride	Cancer		WA Appen1	mfg	
13560-89-9	Dechlorane plus	Respiratory system		HSDB; WA Appen1	Fire retardant	x
	Decinorane pius	nespiratory system		Maine (EuC Endocrine Disruptor	Pesticide (not EPA	^
13593-03-8	Quinalphos = Chinalphos	Endocrine system		Priority List); WA Appen1	registered)	
	1,1'-biphenyl, 2,2',3,3',4,4',5,5',6,6'-			Maine (OSPAR Chemicals of	Flame retardant	
13654-09-6	decabromo-		Х	Concern); WA Appen1		
				77 1 1 2 2	CI	_
					flame retardant additive	
42674.04.5	Tris (1-chloro-2-propyl) phosphate	Reproductive;		Westington CHCC List	(furniture foam, textiles,	
13674-84-5	(TCPP)	Developmental		Washington CHCC List	apparel, leather, electronics,	X
					foam insulation, roofing	
					laminates)	



CAS			Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative		Use Example(s) and/or	High Production Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
13674-87-8	Tris(1,3-dichloro-2-propyl)phosphate	Kidney, Liver		HSDB; WA Appen1	Flame retardant in plastics, secondary plasticizer	х
13680-35-8	benzenamine, 4,4'-methylenebis[2,6-diethyl-		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical intermediate	
13768-00-8	Asbestos (non-asbestiform Actinolite)	Cancer		IARC 1	insulation, roofing	
13814-96-5	Lead bis(tetrafluoroborate)	Reproduction		ECHA Substances of Very High Concern	electroplating solution for coating metal objects with lead, curing agent for epoxy resins; metal finishing	
14047-09-7	3,3',4,4'-Tetrachloroazobenzene (TCAB)	Cancer		IARC-2A	manufacture by-product of herbicides; precursor in dye manufacture; heat transfer fluid	
14295-43-3	Benzo[b]thiophen-3(2H)-one, 4,7-dichloro-2-(4,7-dichloro- 3-oxobenzo[b]thien-2(3H)-ylidene)-		х	Maine (Canada PBiT); WA Appen1	Pigment red 88	
14567-73-8	Asbestos (non-asbestiform Tremolite)	Cancer		IARC 1	insulation, roofing	
14797-55-8	Nitrate (as nitrogen)	Blood, Development		WA Appen1; Minnesota HRL	Biological oxidations	
14808-60-7	Silica, crystalline (inhaled in the form of quartz or cristobalite from occupational sources)	Cancer		Maine (IARC); WA Appen1	Glass, abrasives	х
14816-18-3	3,5-dioxa-6-aza-4-phosphaoct-6-ene- 8-nitrile, 4-ethoxy-7-phenyl-, 4- sulfide		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
14835-94-0	o,p'-DDMU	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide breakdown product	
14962-28-8	4-Hydroxy-2',4',6'-trichlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	PCB congener	
15087-24-8	3-Benzylidene camphor (3-BC)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	UV filter	
15114-15-5	9,10-anthracenedione, 4,8-diamino-2-(4-ethoxyphenyl)-1,5-dihydroxy-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Textiles, coloring agent	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
15120-21-5	Sodium perborate	Reproduction		ECHA Substances of Very High Concern	bleaching straw, ivory, sponges, bristles, waxes, other fibers; in laundering, dentrifices, soaps; topical antiseptic; vet medication	
15245-44-0	Lead 2,4,6-trinitro-m-phenylene dioxide, lead 2,4,6- trinitroresorcinoxide, lead styphnate	Reproduction		Maine (EU Reproductive Toxicant)	Initiating explosive	
15299-99-7	Napropamide	Reproduction		IRIS; WA Appen1	Pesticide	
15323-35-0	Musk indane		Х	Oregon P3 List	Fragrance	
15541-45-4	Bromate	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Hair care, water disinfection by-product	
15571-58-1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7- oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (DOTE)	Reproduction		ECHA Substances of Very High Concern	used in polymers/plastics	
15606-95-8	triethyl arsenate	Cancer		Maine (EU Carcinogen; ECHA Substances of Very High Concern); WA Appen1	Semiconductor doping agent	
15625-89-5	Trimethylolpropane triacrylate, technical grade	Cancer		IARC-2B	Paint, adhesive, printing, photographic, various manufacturing processes	х
15958-27-7	Propanenitrile, 3-[[4-[(4- nitrophenyl)azo] phenyl][2- [[(phenylamino)carbonyl]oxy]ethyl]a mino]-		х	Maine (Canada PBiT); WA Appen1		
15958-61-9	9,10-Anthracenedione, 1-[[4- (phenylsulfonyl)phenyl]amino]-		×	Maine (Canada PBiT); WA Appen1		
15972-60-8	Alachlor	Blood, Cancer, Endocrine system, Kidney, Liver		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1; Minnesota HRL	Pesticide	
16071-86-6	Direct Brown 95 (technical grade)	Cancer		Maine (CA Prop 65); WA Appen1	Pigment brown 95	
16219-75-3	5-Ethylidene-2-norbornene	Body Weight, Liver, Thyroid		OECD - SIDS/SIAR	Copolymer in production of ethylene-propylene diene monomer	х



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
16421-40-2	Acetamide, N-[5-[[2-(acetyloxy)ethyl] (phenylmethyl)amino]-2-[(2-chloro-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-		х	Maine (Canada PBiT); WA Appen1	Dye	
16421-41-3	Acetamide, N-[5-[[2-(acetyloxy)ethyl] (phenylmethyl)amino]-2-[(2,4- dinitrophenyl)azo]-4 - methoxyphenyl]-		х	Maine (Canada PBiT); WA Appen1	Dye	
16543-55-8	N-Nitrosonornicotine	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Research	
16568-02-8	Gyromitrin (Acetaldehyde methylformylhydrazone)	Cancer		Maine (CA Prop 65); WA Appen1	Mushroom natural toxin	
16586-42-8	Propanenitrile, 3-[ethyl[3-methyl-4- [(6-nitro- 2- benzothiazolyl)azo]phenyl]amino]-		х	Maine (Canada PBiT); WA Appen1	Dye	
16672-87-0	Ethephon	Nervous system		IRIS; WA Appen1	Plant growth regulator	
16752-77-5	Methomyl	Kidney, Spleen		IRIS; WA Appen1	Pesticide	
16812-54-7	Nickel sulphide	Cancer		Maine (EU Carcinogen)	Nickel ore	Х
16834-13-2	21H,23H-Porphine, 5,10,15,20-tetra- 4-pyridinyl-		х	Maine (Canada PBiT); WA Appen1	Dye	
17068-78-9	Asbestos (anthophyllite)	Cancer		IARC 1	some insulating materials and some asbestos cement products	
17464-91-4	Ethanol, 2,2'-[[4-[(2-bromo-6-chloro-4-nitrophenyl)azo]-3-chlorophenyl]imino]bis-		х	Maine (Canada PBiT); WA Appen1	Dye	
17540-75-9	phenol, 2,6-bis(1,1-dimethylethyl)-4- (1-methylpropyl)-		х	Maine (Canada PBiT; OSPAR Chemicals of Concern); WA Appen1	Plastics, antioxidant	х
17570-76-2	Lead(II) methanesulphonate	Reproduction		Maine (EU Reproductive Toxicant)		
17804-35-2	Benomyl	Development, Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled), pharmaceutical	
18181-70-9	phosphorothioic acid, O-(2,5-dichloro- 4-iodophenyl) O,O-dimethyl ester	·	x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
18540-29-9	Chromium(VI)	Cancer, Respiratory system		Maine (IARC; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Chrome plating, dyes, pigments	
18662-53-8	Nitrilotriacetic acid, trisodium salt monohydrate	Cancer		Maine (CA Prop 65); WA Appen1	Detergent	
19044-88-3	Oryzalin	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
	propanoic acid, 2-(2,4,5-			Maine (OSPAR Chemicals of	Pesticide (EPA reg.	
19398-13-1	trichlorophenoxy)-, 2-butoxyethyl ester		х	Concern); WA Appen1	cancelled)	
				ECHA Substances of Very High	used in polymers,	
	Hexahydro-4-methylphthalic			Concern	plasticzers, epoxy resin	
19438-60-9	anhydride	Systemic			hardener; chemical	х
					intermediate	
19666-30-9	Oxadiazon	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	
	Propanenitrile, 3-[4-[(5-nitro-2-			Maine (Canada PBiT); WA Appen1		
19745-44-9	thiazolyl) azo](2-phenylethyl)amino]-		×			
	Phenol, 4-[[2-methoxy-4-[(4-			Maine (Canada PBiT); WA Appen1	Dye	
19800-42-1	nitrophenyl)azo]phenyl]azo]- (Disperse Orange 29)		x			
	9,10-Anthracenedione, 1,8-dihydroxy-			Maine (Canada PBiT); WA Appen1	Dye	
20241-76-3	4-nitro-5-(phenylamino)- (Disperse		х	, , , , , , , , , , , , , , , , , , , ,	•	
	Blue 77)					
20265-96-7	p-Chloroaniline hydrochloride	Cancer		Maine (CA Prop 65); WA Appen1	Dye, chemical intermediate	
20254.26.4	Mathanala	Davidannant		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg.	
20354-26-1	Methazole	Development			cancelled)	
21041-95-2	Cadmium hydroxide	Cancer; Mutagenic; Systemic toxicity		ECHA Substances of Very High Conc	electrode in Nickel-Cadmium batteries	
21007.64.0	Matribusia	Vidnov Liver		Maine (EuC Endocrine Disruptor	Pesticide	
21087-64-9	Metribuzin	Kidney, Liver		Priority List); WA Appen1		
21136-70-9	Benzidine sulphate	Cancer		Maine (EU Carcinogen)	Dyes	
21150-89-0	phenol, 4-(1,1-dimethylethyl)-,		.,	Maine (OSPAR Chemicals of		
Z113U-89-U	hydrogen phosphate		Х	Concern); WA Appen1		
	phosphonothioic acid, phenyl-, O-(4-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
21609-90-5	bromo-2,5-dichlorophenyl) O-methyl		x	Concern); WA Appen1	registered)	
	ester (Leptophos)					
21725-46-2	Cyanazine	Development, Kidney,		Maine (CA Prop 65); WA Appen1;	Pesticide (EPA reg.	
21/23-40-2	Cydnazine	Liver		Minnesota HRL	cancelled)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
21811-64-3	Phenol, 4,4'-[1,4- phenylenebis(azo)]bis-		х	Maine (Canada PBiT); WA Appen1	Dye	
21850-44-2	benzene, 1,1'-(1- methylethylidene)bis[3,5-dibromo-4- (2,3-dibromopropoxy)-		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant in plastics	x
22224-92-6	Fenamiphos	Nervous system		IRIS; WA Appen1	Pesticide	
22398-80-7	Indium phosphide	Cancer		Maine (CA Prop 65; IARC); WA Appen1	Semiconductors, laser, solar cells	
22673-19-4	Dibutylbis(pentane-2,4-dionato- O,O')tin	Reproduction		ECHA Substance of Very High Concern	adhesives/sealants and coating products (SVHC listing)	
22967-92-6	Methyl mercury	Development, Nervous system	х	Maine (CA Prop 65; WA PBT list); WA Appen1; Oregon P3 List; Minnesota HRV	In fish, seed treatment	
23077-61-4	9H-Carbazole-1-carboxamide, N-(4-chlorophenyl)-2-hydroxy-		х	Maine (Canada PBiT); WA Appen1		
23103-98-2	Pirimicarb	Cancer		Maine (CA Prop 65)	Pesticide (EPA reg. cancelled)	
23135-22-0	Oxamyl	Body weight		IRIS; WA Appen1	Pesticide	
23355-64-8	Ethanol, 2,2'-[[3-chloro-4-[(2,6-dichloro- 4-nitrophenyl)azo]phenyl]imino]bis-		x	Maine (Canada PBiT); WA Appen1	Dye	
23564-05-8	Thiophanate methyl	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide, pharmaceutical	
23950-58-5	Pronamide	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
24124-25-2	Stannane, tributyl[(1-oxo-9,12-octadecad	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Antifouling	
24307-26-4	Mepiquat chloride	Blood, Body weight, Nervous system		IRIS; WA Appen1	Pesticide	
24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-N-(2-hydroxyethyl)- N-methyl -		×	Maine (Canada PBiT); WA Appen1	PFC	
24610-00-2	Benzonitrile, 2-[[4-[(2-cyanoethyl)(2-phenylethyl) amino]phenyl]azo]-5-nitro-		х	Maine (Canada PBiT); WA Appen1		
24613-89-6	Dichromium tris(chromate)	Cancer		ECHA Substances of Very High Concern	corrosion inhibitor; catalyst in the mordanting of yarns	
25013-15-4	Vinyl toluene	Nervous system, Respiratory system		HSDB; NTP	Resins, coating, chemical intermediate in insecticides	х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
25013-16-5	butylhydroxyanisol	Cancer, Endocrine system	(VI VD)	Maine (CA Prop 65; NTP 11th ROC; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	Commercial stabilizer, antioxidant	Chemical
25036-25-3	2,2'-bis(2-(2,3-epoxypropoxy)phenyl)-propane	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Formation of epoxy resins	
25057-89-0	Bentazon (Basagran)	Blood		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
25150-28-1	Propanenitrile, 3-[[4-[(6,7-dichloro-2-benzothiazolyl) azo]phenyl]ethylamino]-		x	Maine (Canada PBiT); WA Appen1	Dye	
25154-52-3	phenol, nonyl-	Endocrine system	x	Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1; WA CHCC	Heat stabilizer, bactericide	
25155-23-1	Trixylyl phosphate	Reproduction		ECHA Substances of Very High Concern	Flame retardant; plasticizer	х
25155-25-3	Peroxide, [1,3(or 1,4)-phenylenebis(1-methylethylidene)]bis[(1,1-dimethylethyl)		х	Maine (Canada PBiT); WA Appen1	Polymer initiator	х
25168-15-4	acetic acid, (2,4,5-trichlorophenoxy)-, isooctyl ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
25214-70-4	Formaldehyde, oligomeric reaction products with aniline	Cancer		ECHA Substances of Very High Concern	hardener for epoxy resins, polymer production	
25321-14-6	Dinitrotoluene (isomers mixture) DNT	Adrenal glands, Liver		OECD - SIDS/SIAR; WA Appen1	Production of diisocyante, explosives mfg, plasticizer	х
25340-17-4	Benzene, diethyl-	Development		EPA - RBP	Reactant	X
25550-51-0	Hexahydromethylphthalic anhydride	Systemic		ECHA Substances of Very High Concern	used in polymers, plasticzers, epoxy resin hardener; chemical intermediate	
25628-08-4	N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1- sulfonate	Developmental, Systemic		ECHA Substance of Very High Concern	fabricated metal products, in processing aids at industrial sites, chemical intermediate in manufacturing of substances (source: SVHC listing)	



			5			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
646			Persistent, very		Has Essential (a) and (a)	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (WA PBT List; EU PBT List;	Flame retardant	
25637-99-4	Hexabromocyclododecane		х	ECHA Substances of Very High		
				Concern); WA Appen1; WA CHCC;		
				Oregon P3 List Maine (EU Reproductive Toxicant)	Refining lead	
25808-74-6	Lead hexafluorosilicate	Reproduction		ivialite (EO Reproductive Toxicant)	Remning lead	
	Hexanedioic acid, bis[2-[[4-(2,2-			Maine (Canada PBiT); WA Appen1	Dye	
25857-05-0	dicyanoethenyl) -3-		x			
23037 03 0	methylphenyl]ethylamino]ethyl]		^			
	ester					
25973-55-1	phenol, 2-(2H-benzotriazol-2-yl)-4,6-		х	Maine (OSPAR Chemicals of	Antioxidant	х
	bis(1,1-dimethylpropyl)-			Concern); WA Appen1	facus habi unuadi ista.	
					foam baby products;	
		Reproductive;			residential furniture; additive flame retardant	
26040-51-7	Bis (2-ethylhexyl)	Developmental;		Washington CHCC List	mixtures; consturction	v
20040-31-7	tetrabromophthalate (TBPH)	Neurological		Washington Chec List	materials; plasticizer in PVC	х
		Neurological			electrical equipment,	
					electronics, and appliances	
				Maine (OSPAR Chemicals of	Heat transfer agent	
26140-60-3	Terphenyl		х	Concern); WA Appen1	Ü	Х
264.40.60.5	A-alpha-C (2-Amino-9H-pyrido[2,3-	6		Maine (CA Prop 65); WA Appen1	Formed during cooking of	
26148-68-5	b]indole)	Cancer	х		meat/fish	
26239-64-5	Stannane,	Endocrine system		Maine (EuC Endocrine Disruptor	Antifouling	
20239-04-3	tributyl[[[1,2,3,4,4a,4b,5,6,1	Lituociille system		Priority List); WA Appen1		
	2-propenoic acid, 2-methyl-, methyl			Maine (EuC Endocrine Disruptor	Antifouling	
26354-18-7	ester = Stannane, tributylmeacrylate	Endocrine system		Priority List); WA Appen1		
	. , ,					
	benzenamine, N-(cyclopropylmethyl)-				Pesticide (EPA reg.	
26399-36-0	2,6-dinitro-N-propyl-4-		х	Concern); WA Appen1	cancelled)	
	(trifluoromethyl)-			Maine (OSPAR Chemicals of	Flame retardant	
26447-49-4	hexabromododecane		х	Concern); WA Appen1	i iailie retaiualit	
				Maine (CA Prop 65; NTP 11th ROC);	In polyurethane foams, cross-	
26471-62-5	Toluene diisocyanate	Cancer, Respiratory		WA Appen1; Minnesota HRV	link in nylon 6	х
20171 02 0	Total dissolvande	system		WWW.ppenii, wiiiiiesota mv	min in rigidii o	,
				Maine (OSPAR Chemicals of		
26603-40-7	1,3,5-triazine-2,4,6(1H,3H,5H)-trione,		х	Concern); WA Appen1		
	1,3,5-tris(3-isocyanatomethylphenyl)-					



			= •			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
26628-22-8	Sodium azide	Body weight		IRIS; WA Appen1	Airbags in vehicles, preservative	
26636-32-8	Tributyltinnaphthalate	Endocrine system		Maine (EuC Endocrine Disruptor	Non-ionic detergent	
				Priority List); WA Appen1		
26644-46-2	Triforine	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine CC; CA Prop 65; WA CHCC;	Plasticizer for polyvinyl	
				U.S. CPSC	chloride film, sheet coated	
					fabrics, hoses, PVC	
26761-40-0	Di-isodecyl phthalate (DIDP)	Liver, Development			flooring/wall covering,	
					wires/cables, car interior	
					leather, rotational moulding	
	Propanamide, N-[5-[bis[2-			Maine (Canada PBiT); WA Appen1	Dye	
26850-12-4	(acetyloxy)ethyl] amino]-2-[(2-chloro- 4-nitrophenyl)azo]phenyl] -		х			
	phosphorodithioic acid, O,O-			Maine (OSPAR Chemicals of	Zinc compound	
26999-29-1	diisooctyl ester		X	Concern); WA Appen1	Zine compound	х
	Phenol, (1,1,3,3-tetramethylbutyl)- =			Maine (EuC Endocrine Disruptor	Pesticide (EPA reg.	
27193-28-8	Octylphenol	Endocrine system		Priority List); WA Appen1	cancelled)	
27208-37-3	Cyclopenta[cd]pyrene	Cancer		Maine (IARC); WA Appen1	In carbon black	
27304-13-8	Oxychlordane, single isomer	carreer	Х	Oregon P3 List; WA Appen1	Pesticide	
27314-13-2	Norflurazon	Liver, Thyroid	Λ	IRIS; WA Appen1	Pesticide	
27314-13-2	9,10-Anthracenedione, 1-amino-4-	Liver, myroid		Maine (Canada PBiT); WA Appen1	Chemical intermediate	
27341-33-9	[(methoxyphenyl)amino]-		X	Walle (Callada i Bir), WA Appelli	Chemical intermediate	
27554-26-3	1,2-benzenedicarboxylic acid,	Endocrino system		Maine (OSPAR Chemicals of	Plasticizer	
2/334-20-3	diisooctyl ester	Endocrine system		Concern; equivalent); WA Appen1		
27753-52-2	nonabromobiphenyl		X	Maine (OSPAR Chemicals of	Flame retardant	
27733-32-2	nonabi omobiphenyi		^	Concern); WA Appen1		
27858-07-7	octabromobiphenyl		X	Maine (OSPAR Chemicals of	Flame retardant	
27636-07-7	octabiomobiphenyi		^	Concern); WA Appen1		
28249-77-6	Thiobencarb	Blood chemistry, Body weight		IRIS; WA Appen1	Pesticide	
28407-37-6	C.I. Direct Blue 218	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
28434-86-8	3,3'-Dichloro-4,4'-diamino-diphenyl ether	Cancer		Maine (CA Prop 65); WA Appen1	Epoxy resin hardeners	
28553-12-0	Diisononyl phthalate (DINP)	Development, Cancer		Cal Prop 65, WA State CHCC	plasticizer for PVC and flexible vinyls; perfumes and	х
					cosmetics	, and the second



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (OSPAR Chemicals of	Chemical intermediate	
28680-45-7	heptachloronorbornene		х	Concern; OSPAR Chemicals for		
				Priority Action); WA Appen1		
	Propanenitrile, 3-[[4-[(4,6-dibromo-2-			Maine (Canada PBiT); WA Appen1		
28824-41-1	benzothiazolyl)		х			
	azo]phenyl]ethylamino]-					
29081-56-9	Ammonium salt [Perfluorooctane	Development, Liver,	V	Maine (Canada PBiT; WA PBT list);	PFC	
29061-30-9	sulfonates (PFOS)]	Thyroid	Х	WA Appen1; Minnesota HRL		
				Maine (EPA Final PBT Rule for TRI;	By-product for agriculture	
29082-74-4	Octachlorostyrene			TRI PBT Chemical List; EPA Priority		
29062-74-4	Octacillorostyrene		X	PBT); WA Appen1; Oregon P3 List		
29312-59-2	benzenamine, 4-(2,6-diphenyl-4-		x	Maine (OSPAR Chemicals of	Paints, lacquers, varnishes	
29312-39-2	pyridinyl)-N,N-dimethyl-		X	Concern); WA Appen1		
	[1,1'-biphenyl]-4,4'-diamine, N,N'-			Maine (OSPAR Chemicals of	Colorant	
29398-96-7	bis(2,4-dinitrophenyl)-3,3'-dimethoxy-		х	Concern; Canada PBiT); WA		
	bis(2,4-diffitropfieriyi)-3,3 -diffietrioxy-			Appen1		
29420-49-3	Potassium 1,1,2,2,3,3,4,4,4-	Developmental,		ECHA Substance of Very High	polymers and plastic	
29420-49-3	nonafluorobutane-1-sulphonate	Systemic		Concern	production (SVHC listing)	
29457-72-5	Perfluorooctane sulfonate salt (PFOS)	Development, Liver,	v	Maine (WA PBT List); WA Appen1;	PFC	
29437-72-3	Perfluoroccarie surforiate sait (PPO3)	Thyroid	Х	Minnesota HRL		
29761-21-5	phosphoric acid, isodecyl diphenyl		x	Maine (OSPAR Chemicals of	Plasticizer, lubricant	×
29/01-21-3	ester		X	Concern); WA Appen1		X
	Benzamide, N-[5-[bis[2-			Maine (Canada PBiT); WA Appen1	Dye	
29765-00-2	(acetyloxy)ethyl] amino]-2-[(4-		х			
	nitrophenyl)azo]phenyl]-					
30668-06-5	1,3-Dichloro-2,2-bis(4-methoxy-3-	Endocrine system		Maine (EuC Endocrine Disruptor		
30000-00-3	methylphenyl)propane	Endocrine system		Priority List); WA Appen1		
	Benzenamine, 4-[(2-chloro-4-			Maine (Canada PBiT); WA Appen1		
31030-27-0	nitrophenyl) azo]-N-ethyl-N-(2-		Х			
	phenoxyethyl)-					
				Maine (EuC Endocrine Disruptor	PCB	
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl	Endocrine system	x	Priority List; EPA Final PBT Rule for		
31300 00 0	2,5 7 17 15 Terredemoroorphieny	Lildocinic system	X	TRI; WA PBT List); WA Appen1;		
				Oregon P3 List		
	Heptachloronaphthalene			Maine (WA PBT List; OSPAR	PCN	
32241-08-0	[Polychlorinated naphthalenes]		х	Chemicals of Concern); WA		
	[. s., ssr.matea naprienalenes]			Appen1; Oregon P3 List		



CAS			Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative		Use Example(s) and/or	High Production Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
32534-81-9	Pentabromodiphenyl ether [Polybrominated diphenyl ethers]		x	Maine (WA PBT List; OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	Flame retardant	
32536-52-0	Octabromodiphenyl ether [Polybrominated diphenyl ethers]		x	Maine (WA PBT List; EU PBT List; OSPAR Chemicals of Concern); WA Appen1	Flame retardant	
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI); WA Appen1; Oregon P3 List	РСВ	
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; WA PBT List); WA Appen1; Oregon P3 List	РСВ	
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl	Endocrine system	x	Maine (EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; WA PBT List); WA Appen1; Oregon P3 List	РСВ	
32809-16-8	Procymidone	Cancer, Endocrine system		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (not EPA registered)	
33089-61-1	Amitraz	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
33204-76-1	2,6-cis- Diphenylhexamethylcyclotetrasiloxan e - 2,6-cis-[(PhMeSiO)2(Me2SiO)2]	Endocrine system		Maine CC; EuC Endocrine Disruptor Priority List		
33213-65-9	Endosulfan, beta		х	Maine (NWM Priority Chemicals); WA Appen1	Pesticide (not EPA registered)	
33820-53-0	Isopropalin	Blood, Organ weight		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
33979-03-2	1,1'-biphenyl, 2,2',4,4',6,6'- hexachloro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	PCB	
33979-43-0	Propanenitrile, 3-[[2- (acetyloxy)ethyl][4- [(5,6-dichloro-2- benzothiazolyl)azo]phenyl]amino]-		x	Maine (Canada PBiT); WA Appen1		
34014-18-1	Tebuthiuron	Body weight		IRIS; WA Appen1	Pesticide	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
34256-82-1	Acetochlor	Cancer, Development, Endocrine system, Kidney, Liver, Nervous system, Respiratory system, Reproduction	(VFVB)	Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1; Minnesota HRL		Chemical
34455-03-3	1-Hexanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-(2-hydroxyethyl)-		х	Maine (Canada PBiT); WA Appen1		
35065-27-1	PCB 153 (2,2',4,4',5,5'- Hexachlorobiphenyl)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	РСВ	
35065-28-2	PCB-138 [2,2',3,4,4',5'-hexachlorobiphenyl]	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); Oregon P3 List	Enclosed electrical systems	
35065-29-3	PCB-180 [2,2',3,4,4',5,5'-heptachlorobiphenyl]	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); Oregon P3 List	Enclosed electrical systems	
35367-38-5	Diflubenzuron	Blood		IRIS; WA Appen1	Pesticide	
35554-44-0	Imazalil (Enilconazole)	Body weight		IRIS; WA Appen1	Pesticide	
35693-92-6	2,4-6-trichlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen2		
35693-99-3	PCB 52 (2,2';5,5'- Tetrachlorobiphenyl)	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	РСВ	
36065-30-2	2,4,6-bromophenyl 1-2(2,3-dibromo- 2-methylpropyl)		х	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	РСВ	
36294-24-3	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, ethyl ester		х	Maine (Canada PBiT); WA Appen1		
36341-27-2	Benzidine acetate	Cancer		Maine (EU Carcinogen)		
36355-01-8	1,1'-biphenyl, hexabromo-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardants mfg	
36483-57-5	2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	Cancer		ECHA Substance of Very High Concern	polymers, chemical intermediate, manufacture of plastics (source: SVHC listing)	
36483-60-0	Benzene, 1,1'-oxybis-, hexabromo deriv.		х	Maine (Canada PBiT); WA Appen1	Flame retardants	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
36631-23-9	Stannane, tributyl = Tributyltin	Endocrine system		Maine (EuC Endocrine Disruptor		
50031 23 3	naphtalate	Endocrine system		Priority List); WA Appen1		
36734-19-7	Iprodione	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
	bicyclo(2.2.1)heptan-2-one, 1,7,7-			Maine (EuC Endocrine Disruptor	Cosmetics, UV protectant	
36861-47-9	trimethyl-3-[(4-	Endocrine system	Х	Priority List; OSPAR Chemicals of		
	methylphenyl)methylene]-			Concern); WA Appen1		
37224-57-0	zinc potassium chromate	Cancer		Maine (EU Carcinogen)		
37680-65-2	PCB 18 (2,2',5-Trichlorobiphenyl)	Endocrine system		Maine (EuC Endocrine Disruptor		
07000 00 2	() , , , ,	2.1000.1110.07000.11		Priority List); WA Appen1		
37680-73-2	PCB-101 [2,2',4,5,5'- pentachlorobiphenyl]		x	Oregon P3 List	PCB	
	benzenamine, N-[3-phenyl-4,5-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
37893-02-0	bis[(trifluoromethyl)imino]-2- thiazolidinylidene]-		x	Concern); WA Appen1	registered)	
	1-Propanaminium, 3-			Maine (Canada PBiT); WA Appen1		
	[[(heptadecafluorooctyl)					
38006-74-5	sulfonyl]amino]-N,N,N-trimethyl-,		Х			
	chloride					
	Bis (chloromethyl) propane-1,3-diyl					
38051-10-4	tetrakis-(2-chloroethyl)	Cancer		Washington CHCC List	additive flame retardant	
	bis(phosphate)(V6)					
20200 07 2	PCB 128 (2,2',3,3',4,4'-	En de ario e a reterro		Maine (EuC Endocrine Disruptor		
38380-07-3	Hexachlorobiphenyl)	Endocrine system		Priority List); WA Appen1		
				Maine (EPA Final PBT Rule for TRI;		
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl		х	WA PBT List); WA Appen1; Oregon		
				P3 List		
38444-88-1	3,4',5-trichlorobiphenyl	Endocrino system		Maine (EuC Endocrine Disruptor		
30444-00-1	5,4 ,5-tricillorobiphenyi	Endocrine system		Priority List)		
	Nickel, bis[1-[4-			Maine (Canada PBiT); WA Appen1		
38465-55-3	(dimethylamino)phenyl] -2-phenyl-		Х			
	1,2-ethenedithiolato(2-)-S,S']-					
38521-51-6	benzene, pentabromo(bromomethyl)-		X	Maine (OSPAR Chemicals of	Chemical synthesis, chemical	\Box
30321-31-0	benzene, pentabiomo(biomomethyi)-		^	Concern); WA Appen1	intermediate	
38640-62-9	naphthalene, bis(1-methylethyl)-		x	Maine (OSPAR Chemicals of	Substitute for PCBs,	
30040 02-3	maphenalenc, bis(1 methylethyl)		*	Concern); WA Appen1	chemical intermediate	
39001-02-0	1,2,3,4,6,7,8,9-		x	Maine (EPA Final PBT Rule for TRI;	Furan	
33001 02-0	Octachlorodibenzofuran		<u> </u>	WA PBT List); WA Appen1		
39156-41-7	2,4-Diaminoanisole sulfate	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Diagnostic agents, dye	
55155 41 /	z, i ziaiiiiioaiiisole saliate	Curioci		WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
39300-45-3	Dinocap	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
39489-75-3	phenol, 2,4-dichloro-5-nitro-, carbonate (2:1) (ester)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical synthesis	
39515-41-8	Danitol	Nervous system		IRIS; WA Appen1	Pesticide	
				Maine (EPA Final PBT Rule for TRI,	РСВ	
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiphenyl		х	WA PBT List); WA Appen1; Oregon P3 List		
				Maine (EuC Endocrine Disruptor	Pesticide (not EPA	
39765-80-5	Trans-Nonachlor	Endocrine system	х	Priority List); WA Appen1; Oregon	registered)	
		,		P3 List		
40088-47-9	Benzene, 1,1'-oxybis-, tetrabromo deriv.		х	Maine (Canada PBiT); WA Appen1	Flame retardant	
				Maine (EPA Final PBT Rule for TRI;	Pesticide	
40407 40 4	B 11 11 11			TRI PBT Chemical List; NWM		
40487-42-1	Pendimethalin		Х	Priority Chemicals); WA Appen1;		
				Oregon P3 List		
	Benzene, 1,1'-			Maine (Canada PBiT); WA Appen1	Specialty organic chemical	
40615-36-9	(chlorophenylmethylene)bis[4-methoxy-		х			
	Propanenitrile, 3-[[4-[(5,6-dichloro-2-			Maine (Canada PBiT); WA Appen1	Dye	
41362-82-7	benzothiazolyl)		X			
	azo]phenyl]methylamino]-					
				EPA - HC	Stabilizer for polyolefins,	
	Benzenepropanoic acid, 3,5-bis(1,1-				elastomers; additive for	
41484-35-9	dimethylethyl)-4-hydroxy-, 1,1'-	Liver			synthetic and partially	х
	(thiodi-2,1-ethanediyl) ester				synthetic lubricants for	
					engine oils.	
				Maine (Canada PBiT); WA Appen1	Antioxidant/corrosion	
41556-26-7	Decanedioic acid, bis(1,2,2,6,6-		x		inhibitor/tarnish	x
41330-20-7	pentamethyl-4-piperidinyl) ester		^		inhibitor/scavenger/antiscali	^
					ng agent, paints, plastics	
41604-19-7	1,1'-biphenyl, 4-bromo-2-fluoro-		х	Maine (OSPAR Chemicals of	Chemical intermediate	
11007-13-7	· · · · · · ·		Λ	Concern); WA Appen1		
41999-84-2	benzene, 1,4-dichloro-2,5-		x	Maine (OSPAR Chemicals of	Chemical intermediate	
	bis(dichloromethyl)-		^	Concern); WA Appen1		
42074-68-0	benzene, 1-chloro-2-		x	Maine (OSPAR Chemicals of	Resins	
12074 00-0	(chlorodiphenylmethyl)-		^	Concern); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
42479-88-9	[1,1'-Biphenyl]-4-ol, 3,4'-bis(1,1-dimethylethyl)-		х	Maine (Canada PBiT); WA Appen1	Chemical intermediate	
42739-61-7	Nickel, bis[2,3-bis(hydroxyimino) -N-(2-methoxyphenyl)butanamidato]-		x	Maine (Canada PBiT); WA Appen1	Colorant	
42852-92-6	Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl) azo]-4-methoxy-5-[(phenylmethyl)-2-propenylamino]phenyl]-		х	Maine (Canada PBiT); WA Appen1	Dye	
42874-03-3	Oxyfluorfen		Х	WA Appen1; Oregon P3 List	Pesticide	
43121-43-3	Triadimefon	Development, Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
43216-70-2	3-OH-o,p'-DDT	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide breakdown product	
				ECHA Substances of Very High	used in polymers,	
48122-14-1	Hexahydro-1-methylphthalic anhydride	Systemic		Concern	plasticzers, epoxy resin hardener; chemical intermediate	
49663-84-5	Pentazinc chromate octahydroxide	Cancer		ECHA Substances of Very High Concern	coating products, adhesives, sealants; used in manufacture of machinery and vehicles	
50471-44-8	2,4-oxazolidinedione, 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-	Cancer, Development, Endocrine System		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1	Pesticide	
50772-29-7	butanoyl chloride, 4-[2,4-bis(1,1-dimethylpropyl)phenoxy]-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical intermediate	
50849-47-3	benzaldehyde, 2-hydroxy-5-nonyl-, oxime		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Refining and processing of metals	
51000-52-3	neodecanoic acid, ethenyl ester		х	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Polymerization	х
51207-31-9	2,3,7,8-Tetrachlorodibenzofuran		х	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Furan	
51218-45-2	Metolachlor	Development		WA Appen1; Minnesota HBV	Pesticide	
51235-04-2	Hexazinone	Body weight		IRIS; WA Appen1	Pesticide	
51338-27-3	Diclofop methyl	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	
51630-58-1	Pydrin	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
51775-36-1	2,2,5-endo,6-exo,8,9,10-		x	Maine (OSPAR Chemicals of		
31773-30-1	heptachloronorbornane		^	Concern); WA Appen1		
52315-07-8	Cypermethrin	Gastrointestinal system		IRIS; WA Appen1	Pesticide, pharmaceutical	
	1,3,5-triazine-2,4,6(1H,3H,5H)-trione,			Maine (OSPAR Chemicals of	Flame retardant	
52434-90-9	1,3,5-tris(2,3-dibromopropyl)-		х	Concern); WA Appen1		
53504 35 0	9,10-Anthracenedione, 2,2'-(1,3,4-			Maine (Canada PBiT); WA Appen1		
52591-25-0	oxadiazole-2,5-diyl)bis[1-amino-		Х			
52645-53-1	Permethrin	Liver		IRIS; WA Appen1	Pesticide	
				Maine (EPA Final PBT Rule for TRI;	PCB	
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl		х	WA PBT List); WA Appen1; Oregon		
				P3 List		
	9,10-Anthracenedione, 2,2'-[1,4-			Maine (Canada PBiT); WA Appen1		
52671-38-2	phenylenebis(1, 3,4-oxadiazole-5,2-		х			
	diyl)]bis[1-amino-					
	Acetamide, N-[2-[(2-bromo-4,6-			Maine (Canada PBiT); WA Appen1	Dye	
52697-38-8	dinitrophenyl) azo]-5-		Х			
	(diethylamino)phenyl]-					
	2-anthracenecarboxamide, 1-amino-			Maine (OSPAR Chemicals of	Pigment	
52740-90-6	N-(3-bromo-9,10-dihydro-9,10-dioxo-		х	Concern); WA Appen1		
	2-anthracenyl)-9,10-dihydro-9,10-					
	dioxo-			Maine (EuC Endocrine Disruptor	Pesticide	
52918-63-5	Deltamethrin		V	, '	Pesticide	
32910-03-3	Deitametiiiii		х	Priority List); WA Appen1; Oregon P3 List		
	Phosphorous acid, (1-			Maine (Canada PBiT); WA Appen1		
	methylethylidene)di-4,1-phenylene			Walle (Callada i Bir), WA Appelli		
53184-75-1	tetrakis[(3-ethyl-3-oxetanyl)methyl]		Х			
	ester					
		Development,		Maine (CA Prop 65); WA Appen1	Pesticide	
53404-19-6	Bromacil lithium salt	Reproduction		(3		
52460 24 2	2024			Maine (EuC Endocrine Disruptor	РСВ	
53469-21-9	PCB Aroclor 1242	Endocrine system		Priority List); WA Appen1		
F2555 66 4	2 d F Triable rehinband	Forder store and			PCB congener	
53555-66-1	3,4',5-Trichlorobiphenyl	Endocrine system				
F2742 07.7	1.1 binbanul nanashlara		v	Maine (OSPAR Chemicals of	РСВ	
53742-07-7	1,1'-biphenyl, nonachloro-		Х	Concern); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
53905-33-2	4-Hydroxy-2,2',5'-trichlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor	PCB	
	Durana dinibula IIA II2 /A	·		Priority List); WA Appen1	D	
	Propanedinitrile, [[4-[[2-(4-cyclohexylphenoxy)			Maine (Canada PBiT); WA Appen1	Dye	
54079-53-7	ethyl]ethylamino]-2-		x			
34079-33-7	methylphenyl]methylene]- (Disperse		^			
	Yellow 201)					
	Propanedinitrile, [[4-[[2-(2-			Maine (Canada PBiT); WA Appen1		
F 4070 CO C	cyclohexylphenoxy)					
54079-60-6	ethyl]ethylamino]-2-		х			
	methylphenyl]methylene]-					
54243-60-6	9,10-Anthracenedione, 1-amino-4-		x	Maine (Canada PBiT); WA Appen1		
	hydroxy-2-(4-methoxyphenoxy)-					
54991-93-4	Clophen A30	Endocrine system		Maine (EuC Endocrine Disruptor	РСВ	
	Acetamide, N-[2-[(2-cyano-6-iodo-4-			Priority List); WA Appen1 Maine (Canada PBiT); WA Appen1		
55252-53-4	nitrophenyl) azo]-5-		x	Walle (Callada PBIT), WA AppellI		
33232-33-4	(diethylamino)phenyl]-		^			
	, , , , , ,			Maine (Canada PBiT); WA Appen1	Dye	
55204.26.0	Propanenitrile, 3-[[4-[(2,6-dibromo-4-					
55281-26-0	nitrophenyl) azo]phenyl]ethylamino]-		Х			
	(Disperse Orange 61)					
55285-14-8	Carbosulfan	Body weight		IRIS; WA Appen1	Pesticide (EPA reg.	
33203 14 0	Carbosanan	Body Weight			cancelled)	
	3,3'-(ureylenedimethylene)bis(3,5,5-			Maine (OSPAR Chemicals of		
55525-54-7	trimethylcyclohexyl) diisocyanate		Х	Concern; OSPAR Chemicals for		
	1 2 2 4 7 9 0			Priority Action); WA Appen1	Funn	
55673-89-7	1,2,3,4,7,8,9- Heptachlorodibenzofuran		x	Maine (EPA Final PBT Rule for TRI;	Furan	
	neptacillorodibelizorurali			WA PBT List); WA Appen1 Maine (EuC Endocrine Disruptor	PCB	
55702-46-0	PCB 21 (2,3,4-Trichlorobiphenyl)	Endocrine system		Priority List); WA Appen1		
	trans-2-			Maine (CA Prop 65); WA Appen1		
	[(Dimethylamino)methylimino]-5-[2-			(5		
55738-54-0	(5-nitro-2-furyl)vinyl]-1,3,4-	Cancer	X			
	oxadiazole					
	Benzenediazonium, 2-methoxy-4-			Maine (Canada PBiT); WA Appen1	Dye	
56307-70-1	nitro-, salt with		х			
	naphthalenedisulfonic acid (2:1)					
56425-91-3	Flurprimidol	Liver, Reproduction		IRIS; WA Appen1	Pesticide	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Histor Book door to a
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
56532-53-7	Acetamide, N-[2-[(2,6-dicyano-4- nitrophenyl) azo]-5- (dipropylamino)phenyl]-		x	Maine (Canada PBiT); WA Appen1		
56558-16-8	PCB 104 (2,2',4,6,6'- Pentachlorobiphenyl)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List)		
56614-97-2	3,9-Dihydroxybenz(a)anthracene	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Metabolite of benz(a)anthracene	
57018-52-7	Propylene glycol mono-t-butyl ether	Cancer		Maine (CA Prop 65); WA Appen1	Solvent	
57110-29-9	Hexahydro-3-methylphthalic anhydride	Systemic		ECHA Substances of Very High Concern	used in polymers, plasticzers, epoxy resin hardener; chemical intermediate	
57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Furan	
57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran		×	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Furan	
57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran		х	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Furan	
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl	Endocrine system	x	Maine (EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI); WA Appen1; Oregon P3 List	РСВ	
57583-35-4	Dimethyltin bis[2-ethylhexyl thioglycolate] [DMT(EHTG)]	Skin		OECD - SIDS/SIAR	Production of films, sheets, injection moldings	х
57837-19-1	Metalaxyl	Blood chemistry, Organ weights		IRIS; WA Appen1	Pesticide	
58019-27-5	Anthra[9,1,2- cde]benzo[rst]pentaphene-5,10- dione, diamino-		x	Maine (Canada PBiT); WA Appen1		
58138-08-2	oxirane, 2-(3,5-dichlorophenyl)-2- (2,2,2-trichloroethyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
58161-93-6	Benzoic acid, 4-[1-[[(2,4-dichlorophenyl) amino]carbonyl]-3,3-dimethyl-2-oxobutoxy]-		х	Maine (Canada PBiT); WA Appen1	Photographic / photocopier	
59447-55-1	2-propenoic acid, (pentabromophenyl)methyl ester		x	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1		



			Persistent,			
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			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
59487-23-9	2-Naphthalenecarboxamide, 4-[[5- [[[4-(aminocarbonyl) phenyl]amino]carbonyl]-2- methoxyphenyl]azo]-N-(5-chloro-2,4- dimethoxyphenyl)-3-hydroxy- (Pigment Red 187)		x	Maine (Canada PBiT); WA Appen1	Pigment	
59536-65-1	Hexabromobiphenyl		X	Maine (WA PBT List); WA Appen1	Flame retardant	
59583-77-6	Carbamic acid, (3,4-dichlorophenyl)-, 2-[butyl[4-(2,2-dicyanoethenyl) -3- methylphenyl]amino]ethyl ester		x	Maine (Canada PBiT); WA Appen1		
59653-74-6	beta-Triglycidyl isocyanurate (β-TGIC)	Mutagenic (Genotoxic)		ECHA Substances of Very High Concern	curing agent in polyester powder paints	
59669-26-0	Thiodicarb	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
59709-10-3	Pyridinium, 1-[2-[[4-[(2-chloro-4-nitrophenyl) azo]phenyl]ethylamino]ethyl]-, acetate		х	Maine (Canada PBiT); WA Appen1		
59756-60-4	Fluridone	Body weight, Eyes, Organ weight, Reproduction		IRIS; WA Appen1	Pesticide	
60153-49-3	3-(N-Nitrosomethylamino) propionitrile	Cancer		Maine (CA Prop 65); WA Appen1		
60168-88-9	Fenarimol	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
60207-90-1	Propiconazole	Eyes, Gastrointestinal system		IRIS; WA Appen1	Pesticide, wood preservation	
60348-60-9	PBDE-099 [2,2',4,4',5- Pentabromodiphenyl ether]		х	WA Appen1; Oregon P3 List	Flame retardant	
60391-92-6	N-Carboxymethyl-N-nitrosourea	Cancer		Maine (CA Prop 65); WA Appen1	Reaction of glycocyamine	
60568-05-0	Furmecyclox	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Pesticide (not EPA registered)	
60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran		х	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Furan	
61788-32-7	Terphenyl, hydrogenated		×	ECHA Substances of Very High Conc	adhesive; paint; textiles; plastics; manufacturing processes	х
61788-33-8	terphenyl, chlorinated		х	Maine (OSPAR Chemicals of Concern); WA Appen1	In pesticides	



			Persistent,			
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			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
61788-76-9	Alkanes, chloro		х	Maine (Canada PBiT); WA Appen1	Lubricants and coolants in metals	
62037-80-3	ammonium 2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propanoate	Developmental, Systemic		ECHA Substance of Very High Concern	manufacture of plastic products, ph regulators & water treatment products, and polymers (source: SVHC listing)	
62229-08-7	Sulfurgue acid load calt dibacic	Poproduction		ECHA Substances of Very High	polymers and coating	
02223-08-7	Sulfurous acid, lead salt, dibasic	Reproduction		Concern	products	
62450-06-0	Trp-P-1 (Tryptophan-P-1)	Cancer		Maine (CA Prop 65); WA Appen1	Charred fish	
62450-07-1	Trp-P-2 (Tryptophan-P-2)	Cancer		Maine (CA Prop 65); WA Appen1	Charred fish	
62476-59-9	Acifluorfen sodium	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
62625-32-5	Phenol, 4,4'-(3H-1,2-benzoxathiol- 3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt		x	Maine (Canada PBiT)I WA Appen1	Dye	
63133-84-6	1(2H)-Quinolineethanol, 6-[(2-chloro- 4,6-dinitrophenyl) azo]-3,4-dihydro- 2,2,4,7-tetramethyl-		х	Maine (Canada PBiT); WA Appen1		
63134-15-6	Acetamide, N-[5-(dipropylamino)-2-[[5-(ethylthio)-1,3,4-thiadiazol-2-yl]azo]phenyl]-		х	Maine (Canada PBiT); WA Appen1	Colorant	
63449-39-8	paraffin waxes and hydrocarbon waxes, chlorinated		x	Maine (OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	Flame retardant	х
63467-15-2	1(2H)-Quinolinepropanamide, 6-(2,2-dicyanoethenyl)-3, 4-dihydro-2,2,4,7-tetramethyl-N-phenyl-		х	Maine (Canada PBiT); WA Appen1		
63467-19-6	Propanedinitrile, [[1,2,3,4-tetrahydro-2,2, 4-trimethyl-1-[2-[[(phenylamino)carbonyl]oxy]ethyl]-6-quinolinyl]methylene]-		х	Maine (Canada PBiT); WA Appen1		
64086-95-9	9,10-Anthracenedione, 1-amino-2-bromo-4-[[4-[(1- methylethyl)amino]-6-phenyl-1,3,5-triazin-2-yl]amino]-		x	Maine (Canada PBiT); WA Appen1	Dye	
64086-96-0	9,10-Anthracenedione, 2-acetyl-1-amino-4-[[4-[(1-methylethyl)amino]-6-phenyl-1,3,5-triazin-2-yl]amino]-		х	Maine (Canada PBiT); WA Appen1		



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			Persistent,			
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			Toxic (PBT) or very			
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CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
64091-91-4	4-(N-Nitrosomethylamino)-1-(3-	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Tobacco smoke	
04091-91-4	pyridyl)1-butanone	Cancer		ROC); WA Appen1		
64111-81-5	Triclosan		х	Maine (Canada PBiT); WA Appen1	Antimicrobial	
64131-85-7	phosphorothioic acid, O,O,O-tris(4-		x	Maine (OSPAR Chemicals of		
04131-03-7	nitrophenyl) ester		^	Concern); WA Appen1		
	Adenosine, N-benzoyl-5'-O-[bis(4-			Maine (Canada PBiT); WA Appen1		
64325-78-6	methoxyphenyl) phenylmethyl]-2'-		х			
	deoxy-					
	7-Oxa-3,20-diazadispiro[5.1.11.2]			Maine (Canada PBiT); WA Appen1	Paint/coating additives,	
64338-16-5	heneicosan-21-one, 2,2,4,4-		Х		photosensitive, plastics	
	tetramethyl-					
	Resin acids and Rosin acids,			Maine (Canada PBiT); WA Appen1	Adhesives	
64365-17-9	hydrogenated, esters with		х			X
	pentaerythritol					
64741-42-0	Naphtha (petroleum), full-range		x	Maine (Canada PBiT); WA Appen1		x
	straight-run					
64741-47-5	Natural gas condensates (petroleum)		x	Maine (Canada PBiT); WA Appen1		x
	Distillator (oratical constitution)			A4-in- (511 C-min)		
64744 50 0	Distillates (petroleum), light			Maine (EU Carcinogen)		
64741-50-0	paraffinic, Unrefined or mildly	Cancer				Х
	refined baseoil Distillates (petroleum), heavy			Maine (FIL Carsinegen)		
64741-51-1	paraffinic, Unrefined or mildly	Cancer		Maine (EU Carcinogen)		x
04741-31-1	refined baseoil	Caricer				^
	Distillates (petroleum), light			Maine (EU Carcinogen)		
64741-52-2	naphthenic, Unrefined or mildly	Cancer		Waine (LO Carcinogen)		x
01711322	refined baseoil	Caricer				^
	Distillates (petroleum), heavy			Maine (EU Carcinogen)		
64741-53-3	naphthenic, Unrefined or mildly	Cancer		Walle (20 carellogell)		x
01712333	refined baseoil	Carreer				^
64741-58-8	Gas oils (petroleum), light vacuum		х	Maine (Canada PBiT); WA Appen1		х
	Distillates (petroleum), heavy			Maine (Canada PBiT); WA Appen1		
64741-61-3	catalytic cracked		Х	, , , , , , , , , , , , , , , , , , , ,		х
64744 67 6	Residues (petroleum), catalytic			Maine (Canada PBiT); WA Appen1		
64741-67-9	reformer fractionator		X			x
64744 70 3	Naphtha (petroleum), heavy			Maine (Canada PBiT); WA Appen1		
64741-78-2	hydrocracked		х			х
64741-81-7	Distillates (petroleum), heavy			Maine (Canada PBiT); WA Appen1		
04/41-81-/	thermal cracked		Х			X



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			Persistent,			
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			Toxic (PBT) or very			High Production
222			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
64741-83-9	Naphtha (petroleum), heavy thermal cracked		х	Maine (Canada PBiT); WA Appen1		х
64741-85-1	Raffinates (petroleum), sorption process		x	Maine (Canada PBiT); WA Appen1		x
64741-87-3	Naphtha (petroleum), sweetened		х	Maine (Canada PBiT); WA Appen1		х
	Distillates (petroleum), acid-treated			Maine (EU Carcinogen)		
64742-18-3	heavy naphthenic, Unrefined or mildly refined baseoil	Cancer				
	Distillates (petroleum), acid-treated			Maine (EU Carcinogen)		
64742-19-4	light naphthenic, Unrefined or mildly refined baseoil	Cancer				
	Distillates (petroleum), acid-treated			Maine (EU Carcinogen)		
64742-20-7	heavy paraffinic, Unrefined or mildly refined baseoil	Cancer				
	Distillates (petroleum), acid-treated			Maine (EU Carcinogen)		
64742-21-8	light paraffinic, Unrefined or mildly refined baseoil	Cancer				
64742-22-9	Naphtha (petroleum), chemically neutralized heavy		×	Maine (Canada PBiT); WA Appen1		х
	Distillates (petroleum), chemically			Maine (EU Carcinogen)		
64742-27-4	neutralized heavy paraffinic,	Cancer				
	Unrefined or mildly refined baseoil					
	Distillates (petroleum), chemically			Maine (EU Carcinogen)		
64742-28-5	neutralized light paraffinic, Unrefined	Cancer				
	or mildly refined baseoil					
64742.24.2	Distillates (petroleum), chemically			Maine (EU Carcinogen)		
64742-34-3	neutralized heavy naphthenic,	Cancer				
	Unrefined or mildly refined baseoil Distillates (petroleum), chemically			Maine (Ell Carcinegen)		
64742-35-4	neutralized light naphthenic,	Cancer		Maine (EU Carcinogen)		
04742 33 4	Unrefined or mildly refined baseoil	Curicer				
	Naphtha (petroleum), hydrotreated			Maine (Canada PBiT); WA Appen1		
64742-48-9	heavy		х			х
64742 50 2	Gas oils (petroleum), hydrotreated		.,	Maine (Canada PBiT); WA Appen1		,,
64742-59-2	vacuum		Х			X
64742-66-1	Naphtha (petroleum), catalytic		х	Maine (Canada PBiT); WA Appen1		
	dewaxed		^			
64742-82-1	Naphtha (petroleum),		x	Maine (Canada PBiT); WA Appen1		x
	hydrodesulfurized heavy					



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			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
64742-87-6	Gas oils (petroleum), hydrodesulfurized light vacuum		х	Maine (Canada PBiT); WA Appen1		х
64742-90-1	Residues (petroleum), steam-cracked		х	Maine (Canada PBiT); WA Appen1		х
65140-91-2	Phosphonic acid, [[3,5-bis(1,1-dimethylethyl) -4-hydroxyphenyl]methyl]-, monoethyl ester, calcium salt (2:1)		х	Maine (Canada PBiT); WA Appen1		
65148-72-3	4-MeO-o,p'-DDT	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-73-4	5-OH-o,p'-DDT	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-74-5	5-MeO-o,p'-DDT	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-75-6	5-MeO-o,p'-DDD	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-80-3	3-MeO-o,p'-DDE	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-81-4	4-MeO-o,p'-DDE	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-82-5	5-MeO-o,p'-DDE	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-83-6	o,p'-DDA-glycinat = N-[(2- chlorophenyl)(4- chlorophenyl)acettyl]glycin	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
65294-17-9	methylium, tris[4- (dimethylamino)phenyl]-, salt with 3- [[4- (phenylamino)phenyl]azo]benzenesul fonic acid (1:1)		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Ink	
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl		х	Maine (EPA Final PBT Rule for TRI); WA Appen1; Oregon P3 List	РСВ	
65925-28-2	benzene, 1-[2-(2- chloroethoxy)ethoxy]-4-(1,1,3,3- tetramethylbutyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
65996-89-6	Coal tar, Tar, coal, high-temp.	Cancer		Maine (EU Carcinogen; NTP 11th ROC)		х
65996-90-9	Coal oil, Tar, coal, low-temp.	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Production
646			Persistent, very		I I I I I I I I I I I I I I I I I I I	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
				Maine (IARC; NTP 11th ROC; EU	Coal tar, shampoo,	
65996-93-2	Pitch, coal tar, hightemp.	Cancer	X	PBT List) ECHA Substances of Very	pharmaceutical	Х
				High Concern; WA Appen1		
65997-06-0	Rosin, hydrogenated		x	Maine (Canada PBiT); WA Appen1	Colorant, adhesive, solvent, plastics	х
	Resin acids and Rosin acids.			Maine (Canada PBiT); WA Appen1	Adhesive, paint, sealant	
65997-13-9	hydrogenated, esters with glycerol		Х	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,	х
66215-27-8	Cyromazine	Blood		IRIS; WA Appen1	Pesticide	
66230-04-4	Esfenvalerate		х	Oregon P3 List	Pesticide, pyrethroid	
66332-96-5	Flutolanil	Development		IRIS; WA Appen1	Pesticide	
		•		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg.	
66441-23-4	Fenoxaprop ethyl	Development			cancelled)	
				Maine (CA Prop 65; IARC; NTP 11th	·	
66733-21-9	Erionite (cakna (Al2Si7O18)2.14H2O))	Cancer		ROC); WA Appen1		
66841-25-6	Tralomethrin	Body weight		IRIS; WA Appen1	Pesticide	
67124-09-8	2-propanol, 1-(tert-dodecylthio)-		x	Maine (OSPAR Chemicals of	Alcohol	x
07124-09-8	2-proparior, 1-(tert-dodecyrtino)-		^	Concern); WA Appen1		^
	Cytidine, N-benzoyl-5'-O-[bis(4-			Maine (Canada PBiT); WA Appen1	Nucleoside	
67219-55-0	methoxyphenyl) phenylmethyl]-2'-		х			
	deoxy-					
67485-29-4	hydramethylnon	Development,	x	Maine (OSPAR Chemicals of	Pesticide	
	, ,	Reproduction		Concern); WA Appen1		
67562-39-4	1,2,3,4,6,7,8-		х	Maine (EPA Final PBT Rule for TRI;	Furan	
	Heptachlorodibenzofuran			WA PBT List); WA Appen1		
67651-34-7	4-Hydroxy-2',3',4',5'-	Endocrine system		Maine (EuC Endocrine Disruptor	PCB	
	tetrachlorobiphenyl			Priority List); WA Appen1	0.00	
67651-37-0	3-Hydroxy-2',3',4',5'-	Endocrine system		Maine (EuC Endocrine Disruptor	РСВ	
	tetrachlorobiphenyl Stannane, [(2-octyl-1,4-dioxo-1,4-			Priority List); WA Appen1		
67701-37-5			х	Maine (Canada PBiT); WA Appen1		
	butanediyl) bis(oxy)]bis[tributyl- 2,3,7,8-tetrabromodibenzofuran			Maine (WA PBT List); WA Appen1	Furan	
67733-57-7	[Polybrominated furans]		x	Walle (WA FBT List), WA Appelli	ruidii	
	[Folybronninated idrans]			WA Appen1; Oregon P3 List	Pesticide (not EPA	
67747-09-5	Prochloraz		х	WAAppelle, Oregon F3 List	registered)	
	1-Heptanesulfonamide, N-[3-			Maine (Canada PBiT); WA Appen1	PFC PFC	
	(dimethylamino)propyl] -			The (canada i bir), whi Appeni		
67940-02-7	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-		x			
	pentadecafluoro- ,					
	monohydrochloride					



			- • • •			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
67969-69-1	1-octanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-N-[2- (phosphonooxy)ethyl]-, diammonium salt		x	Maine (OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	PFC	
68006-83-7	Me-A-alpha-C (2-Amino-3-methyl-9H-pyrido[2,3-b]indole)	Cancer		Maine (CA Prop 65); WA Appen1	Formed during cooking	
68015-60-1	benzenesulfonic acid, 2-amino-, (1-methylethylidene)di-4,1-phenylene ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Paints, lacquers	
68083-48-7	2-butanone, O-[[[[1,3,3-trimethyl-5- [[[[(1- methylpropylidene)amino]oxy]carbo nyl]amino]cyclohexyl]methyl]amino]c arbonyl]oxime		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
68085-85-8	cyclopropanecarboxylic acid, 3-(2- chloro-3,3,3-trifluoro-1-propenyl)-2,2- dimethyl-, cyano(3- phenoxyphenyl)methyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
68131-75-9	Gases (petroleum), C3-4; Petroleum gas; [A complex combination of hydrocarbons produced by distillation of products from the cracking of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C4, predominantly of propane and propylene, and boiling in the range of approximately -51°C to -1°C (-60°F to 30°F.)]	Cancer		Maine (EU Carcinogen)		x
68214-66-4	Carbamic acid, [2-[(2-chloro-4- nitrophenyl) azo]-5- (diethylamino)phenyl]-, 2- ethoxyethyl ester		x	Maine (Canada PBiT); WA Appen1		
68227-79-2	Benzenesulfonic acid, 2-[[9,10-dihydro-4-[(4-methylphenyl) amino]-9,10-dioxo-1-anthracenyl]amino] -5-methyl-, monoammonium salt		х	Maine (Canada PBiT); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
	1-Heptanesulfonamide,			Maine (Canada PBiT); WA Appen1	PFC	
68259-14-3	1,1,2,2,3,3,4,4,5,5,6,6,7, 7,7-		x			
	pentadecafluoro-N-methyl-					
	1-Hexanesulfonamide,			Maine (Canada PBiT); WA Appen1	PFC	
68259-15-4	1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-		Х			
	N-methyl-					
	1-Pentanesulfonamide,			Maine (Canada PBiT); WA Appen1	PFC	
68298-13-5	1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-		Х			
	methyl-			(2) 2 (2) (2)	0.11	
68308-34-9	Shale-oils	Cancer		Maine (CA Prop 65; IARC); WA	Oil	
	Austrian Anthony allock athropological			Appen1	Comfortant in a seticida	
68308-48-5	Amines, tallow alkyl, ethoxylated,		х	Maine (Canada PBiT); WA Appen1	Surfactant in pesticide	
60222 22 2	phosphates			Maior (Carada DDIT) MA Assault	Dataslavia	
68333-22-2 68359-37-5	Residues (petroleum), atmospheric	Body weight, Kidney	Х	Maine (Canada PBiT); WA Appen1 IRIS; WA Appen1	Petroleum Pesticide	X
	Baythroid (Cyfluthrin)	body weight, kidney	V	Maine (Canada PBiT); WA Appen1	PFC	
68391-08-2	Alcohols, C8-14, γ-ω-perfluoro		Х	Maine (EU Carcinogen)	PFC	
	Gases (petroleum), catalytic cracked			Iwame (EO Carcinogen)		
	overheads; Petroleum gas; [A					
	complex combination of					
	hydrocarbons produced by the					
	distillation of products from the					
68409-99-4	catalytic cracking process. It consists	Cancer				x
	of hydrocarbons having carbon					
	numbers predominantly in the range					
	of C3 through C5 and boiling in the					
	range of approximately -48°C to 32°C					
	(-54°F to 90°F).]					
68410-00-4	Distillates (petroleum), crude oil		х	Maine (Canada PBiT); WA Appen1		х
	2-Propanone, reaction products with			Maine (Canada PBiT); WA Appen1	Antioxidant	
68412-48-6	diphenylamine		Х	(33,33,3,3,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7		
	Phosphonic acid, perfluoro-C6-12-			Maine (Canada PBiT); WA Appen1	PFC	
68412-68-0	alkyl derivs.		х	, , , , , , , , , , , , , , , , , , , ,		
				OECD - SIDS/SIAR	Reactant for organotin PVC	
68440-24-4	Fatty acids, tall-oil, 2-mercaptoethyl	Development			stabilizers, approved for	x
	esters (2-MET)				indirect food contact	
69442 10 7	Amines, C18-22-tert-alkyl,			Maine (Canada PBiT); WA Appen1		
68443-10-7	ethoxylated		х			
68475-57-0	Alkanes, C1-2, Petroleum gas	Cancer		Maine (EU Carcinogen)		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68475-58-1	Alkanes, C2-3, Petroleum gas	Cancer		Maine (EU Carcinogen)		Х
68475-59-2	Alkanes, C3-4, petroleum gas	Cancer		Maine (EU Carcinogen)		x
68475-60-5	Alkanes, C4-5, Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68476-40-4	Hydrocarbons, C3-4, Petroleum gas	Cancer		Maine (EU Carcinogen)		X
68476-42-6	Hydrocarbons, C4-5, Petroleum gas	Cancer		Maine (EU Carcinogen)		X
68476-44-8	Hydrocarbons, C>3		Х	Maine (Canada PBiT); WA Appen1		X
68476-46-0	Hydrocarbons, C3-11, catalytic cracker distillates		х	Maine (Canada PBiT); WA Appen1		х
68476-49-3	Hydrocarbons, C2-4, C3-rich; Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68476-77-7	Lubricating oils, refined used		х	Maine (Canada PBiT); WA Appen1		
68476-85-7	Petroleum gases, liquefied; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately 40 °C to 80 °C (-40 °F to 176 °F).]	Cancer		Maine (EU Carcinogen)		x
68476-86-8	Petroleum gases, liquefied, sweetened; Petroleum gas; [A complex combination of hydrocarbons obtained by subjecting liquefied petroleum gas mix to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).]	Cancer		Maine (EU Carcinogen)		x



			Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very			High Production
CAS Number	Chemical Name	Health Endpoint(s)	Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	Volume (HPV) Chemical ¹
68477-33-8	Gases (petroleum), C3-4, isobutanerich; Petroleum gas; [A complex combination of hydrocarbons from the distillation of saturated and unsaturated hydrocarbons usually ranging in carbon numbers from C3 through C6, predominantly butane and isobutane. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C3 through C4, predominantly isobutane.]	Cancer	(VI VO)	Maine (EU Carcinogen)	Chemical Class	х
68477-35-0	Distillates (petroleum), C3-6, piperylene-rich; Petroleum gas; [A complex combination of hydrocarbons from the distillation of saturated and unsaturated aliphatic hydrocarbons usually ranging in the carbon numbers C3 through C6. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C3 through C6, predominantly piperylenes.]	Cancer		Maine (EU Carcinogen)		x
68477-65-6	Gases (petroleum), amine system feed; Refinery gas; [The feed gas to the amine system for removal of hydrogen sulfide. It consists of hydrogen. Carbon monoxide, carbon dioxide, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5 may also be present.]	Cancer		Maine (EU Carcinogen)		х



			Danatatana			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			•
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
	Gases (petroleum), benzene unit			Maine (EU Carcinogen)		
	hydrodesulfurizer off; Refinery gas;					
	[Off gases produced by the benzene					
68477-66-7	unit. It consists primarily of hydrogen. Carbon monoxide and	Cancer				
08477-00-7	hydrocarbons having carbon	Cancer				
	numbers predominantly in the range					
	of C_1 through C_6 , including benzene,					
	may also be present.]					
	Gases (petroleum), benzene unit			Maine (EU Carcinogen)		
	recycle, hydrogen-rich; Refinery gas;					
	[A complex combination of					
	hydrocarbons obtained by recycling					
60477 67 0	the gases of the benzene unit. It	Cancer				
68477-67-8	consists primarily of hydrogen with	Cancer				
	various small amounts of carbon					
	monoxide and hydrocarbons having					
	carbon numbers in the range of C ₁					
	through C ₆ .]					
	Gases (petroleum), blend oil,			Maine (EU Carcinogen)		
	hydrogen-nitrogen-rich; Refinery gas;					
	[A complex combination of hydrocarbons obtained by distillation					
	of a blend oil. It consists primarily of					
68477-68-9	hydrogen and nitrogen with various	Cancer				
00177 00 3	small amounts of carbon monoxide,	Caricer				
	carbon dioxide, and aliphatic					
	hydrocarbons having carbon					
	numbers predominantly in the range					
	of C ₁ through C ₅ .]					
	Gases (petroleum), butane splitter			Maine (EU Carcinogen)		
	overheads; Petroleum gas; [A					
	complex combination of					
	hydrocarbons obtained from the					
68477-69-0	distillation of the butane stream. It	Cancer				X
	consists of aliphatic hydrocarbons					
	having carbon numbers					
	predominantly in the range of C ₃					
	through C ₄ .]					



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68477-70-3	Gases (petroleum), C2-3; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of products from a catalytic fractionation process. It contains predominantly ethane, ethylene, propane, and propylene.]	Cancer		Maine (EU Carcinogen)		х
68477-71-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free; Petroleum gas; [A complex combination of hydrocarbons obtained from fractionation of catalytic cracked gas oil hydrocarbon stream and treated to remove hydrogen sulfide and other acidic components. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C4.]	Cancer		Maine (EU Carcinogen)		x
68477-72-5	Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich; Petroleum gas; [A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C5.]	Cancer		Maine (EU Carcinogen)		x



CAS	Chemical Name	Hackle Francisch	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative	Saurea(a)	Use Example(s) and/or	High Production Volume (HPV) Chemical ¹
Number	Gases (petroleum), catalytic cracked	Health Endpoint(s)	(vPvB)	Source(s) Maine (EU Carcinogen)	Chemical Class	Chemical
68477-73-6	naphtha depropanizer overhead, C3-rich acid-free; Petroleum gas; [A complex combination of hydrocarbons obtained from fractionation of catalytic cracked hydrocarbons and treated to remove acidic impurities. It consists of hydrocarbons having carbon numbers in the range of C2 through C4, predominantly C3.]	Cancer		S,		x
68477-74-7	Gases (petroleum), catalytic cracker; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		x
68477-75-8	Gases (petroleum), catalytic cracker, C1-5-rich; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C1 through C6, predominantly C1 through C5.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68477-76-9	Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C2-4-rich; Petroleum gas; [A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic polymerized naphtha. It consists of aliphatic hydrocarbons having carbon numbers in the range of C2 through C6, predominantly C2 through C4.]	Cancer		Maine (EU Carcinogen)		х
68477-77-0	Gases (petroleum), catalytic reformed naphtha stripper overheads; Refinery gas; [A complex combination of hydrocarbons obtained from stabilization of catalytic reformed naphtha. Its consists of hydrogen and saturated hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
68477-79-2	Gases (petroleum), catalytic reformer, C1-4-rich; Petroleum gas; [A complex combination of hydrocarbons produced by distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers in the range of C1 through C6, predominantly C1 through C4.]	Cancer		Maine (EU Carcinogen)		x



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68477-80-5	Gases (petroleum), C6-8 catalytic reformer recycle; Refinery gas; [A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C6-C8 feed and recycled to conserve hydrogen. It consists primarily of hydrogen. It may also contain various small amounts of carbon monoxide, carbon dioxide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		x
68477-81-6	Gases (petroleum), C6-8 catalytic reformer; Refinery gas; [A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C6-C8feed. It consists of hydrocarbons having carbon numbers in the range of C1 through C5 and hydrogen.]	Cancer		Maine (EU Carcinogen)		x
68477-82-7	Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich; Refinery gas	Cancer		Maine (EU Carcinogen)		х
68477-83-8	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed; Petroleum gas; [A complex combination of olefinic and paraffinic hydrocarbons having carbon numbers in the range of C3 through C5 which are used as alkylation feed. Ambient temperatures normally exceed the critical temperature of these combinations.]	Cancer		Maine (EU Carcinogen)		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
Number	Gases (petroleum), C2-return stream;	Health Endpoint(s)	(VPVB)	Maine (EU Carcinogen)	Chemical Class	Chemical
68477-84-9	Refinery gas; [A complex combination of hydrocarbons obtained by the extraction of hydrogen from a gas stream which consists primarily of hydrogen with small amounts of nitrogen, carbon monoxide, methane, ethane, and ethylene. It contains predominantly hydrocarbons such as methane, ethane, and ethylene with small amounts of hydrogen, nitrogen and carbon monoxide.]	Cancer				
68477-85-0	Gases (petroleum), C4-rich; Petroleum gas; [A complex combination of hydrocarbons produced by distillation of products from a catalytic fractionation process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C4.]	Cancer		Maine (EU Carcinogen)		х
68477-86-1	Gases (petroleum), deethanizer overheads; Petroleum gas; [A complex combination of hydrocarbons produced from distillation of the gas and gasoline fractions from the catalytic cracking process. It contains predominantly ethane and ethylene.]	Cancer		Maine (EU Carcinogen)		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68477-87-2	Gases (petroleum), deisobutanizer tower overheads; Petroleum gas; [A complex combination of hydrocarbons produced by the atmospheric distillation of a butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C4.]	Cancer	()	Maine (EU Carcinogen)		х
68477-90-7	Gases (petroleum), depropanizer dry, propene-rich; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists predominantly of propylene with some ethane and propane.]	Cancer		Maine (EU Carcinogen)		х
68477-91-8	Gases (petroleum), depropanizer overheads; Petroleum gas; [A complex combination of hydrocarbons produced by distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.]	Cancer		Maine (EU Carcinogen)		x
68477-92-9	Gases (petroleum), dry sour, gasconcnunit-off; Refinery gas; [The complex combination of dry gases from a gas concentration unit. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68477-93-0	Gases (petroleum), gas concn. reabsorber distn.; Refinery gas; [A complex combination of hydrocarbons produced by distillation of products from combined gas streams in a gas concentration reabsorber. It consists predominantly of hydrogen, carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide and hydrocarbons having carbon numbers in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		x
68477-94-1	Gases (petroleum), gas recovery plant depropanizer overheads; Petroleum gas; [A complex combination of hydrocarbons obtained by fractionation of miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers in the range of C1 through C4, predominantly propane.]	Cancer		Maine (EU Carcinogen)		
68477-95-2	Gases (petroleum), Girbotol unit feed; Petroleum gas; [A complex combination of hydrocarbons that is used as the feed into the Girbotol unit to remove hydrogen sulfide. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68477-96-3	Gases (petroleum), hydrogen absorber off; Refinery gas; [A complex combination obtained by absorbing hydrogen from a hydrogen rich stream. It consists of hydrogen, carbon monoxide, nitrogen, and methane with small amounts of C2 hydrocarbons.]	Cancer		Maine (EU Carcinogen)		х
68477-97-4	Gases (petroleum), hydrogen-rich; Refinery gas; [A complex combination separated as a gas from hydrocarbon gases by chilling. It consists primarily of hydrogen with various small amounts of carbon monoxide, nitrogen, methane, and C2 hydrocarbons.]	Cancer		Maine (EU Carcinogen)		х
68477-98-5	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogenrich; Refinery gas; [A complex combination obtained from recycled hydrotreated blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
68477-99-6	Gases (petroleum), isomerized naphtha fractionator, C4-rich, hydrogen sulfide-free; Petroleum gas	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68478-00-2	Gases (petroleum), recycle, hydrogen- rich; Refinery gas; [A complex combination obtained from recycled reactor gases. It consists primarily of hydrogen with various small amounts of carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers in the range of C1 through C5.]			Maine (EU Carcinogen)		x
68478-01-3	Gases (petroleum), reformer make- up, hydrogen-rich; Refinery gas; [A complex combination obtained from the reformers. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]			Maine (EU Carcinogen)		x
68478-02-4	Gases (petroleum), reforming hydrotreater; Refinery gas; [A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen, methane, and ethane with various small amounts of hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C3 through C5.]	Cancer		Maine (EU Carcinogen)		x



			5			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
68478-03-5	Gases (petroleum), reforming hydrotreater, hydrogen-methanerich; Refinery gas; [A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen and methane with various small amounts of carbon monoxide, carbon dioxide, nitrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C5.]	Cancer		Maine (EU Carcinogen)		x
68478-04-6	Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich; Refinery gas; [A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
68478-05-7	Gases (petroleum), thermal cracking distn.; Refinery gas; [A complex combination produced by distillation of products from a thermal cracking process. It consists of hydrogen, hydrogen sulfide, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		
68478-45-5	1,4-Benzenediamine, N,N'-mixed tolyl and xylyl derivs.		х	Maine (Canada PBiT); WA Appen1	Antioxidant, corrosion inhibitor	
68511-50-2	1-Propene, 2-methyl-, sulfurized	Blood, Skin		EPA - HC	Lubricants, functional fluids	х
68512-30-1	Phenol, methylstyrenated		X	Maine (Canada PBiT); WA Appen1	Additive to rubber	
68512-62-9	Residues (petroleum), light vacuum		x	Maine (Canada PBiT); WA Appen1	Emulsions, roofing flux	X



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
68512-91-4	Hydrocarbons, C3-4-rich, petroleum distillate; Petroleum gas; [A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.]	Cancer		Maine (EU Carcinogen)		x
68513-02-0	Naphtha (petroleum), full-range coker		х	Maine (Canada PBiT); WA Appen1		х
68513-14-4	Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads; Refinery gas; [A complex combination of hydrocarbons obtained from the catalytic reforming of straight-run naphtha followed by fractionation of the total effluent. It consists of hydrogen, methane, ethane and propane.]	Cancer		Maine (EU Carcinogen)		x
68513-15-5	Gases (petroleum), full-range straight run naphtha dehexanizer off; petroleum gas; [A complex combination of hydrocarbons obtained by the fractionation of the full-range straight-run naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C2 through C6.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68513-16-6	Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich; Petroleum gas; [A complex combination of hydrocarbon produced by the distillation of products from a hydrocracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4. It may also contain small amounts of hydrogen and hydrogen sulfide.]	Cancer		Maine (EU Carcinogen)		x
68513-17-7	Gases (petroleum), light straight-run naphtha stabilizer off; Petroleum gas; [A complex combination of hydrocarbons obtained by the stabilization of light straight-run naphtha. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C6.]	Cancer		Maine (EU Carcinogen)		х
68513-18-8	Gases (petroleum), reformer effluent high-pressure flash drum off; Refinery gas; [A complex combination produced by the high-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		x
68513-19-9	Gases (petroleum), reformer effluent low-pressure flash drum off; Refinery gas; [A complex combination produced by low-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68513-66-6	Residues (petroleum), alkylation splitter, C4-rich; Petroleum gas; [A complex residuum from the distillation of streams various refinery operations. It consists of hydrocarbons having carbon numbers in the range of C4 through C5, predominantly butane and boiling in the range of approximately 11.7°C to 27.8°C (11°F to 82°F).]	Cancer		Maine (EU Carcinogen)		х
68514-31-8	Hydrocarbons, C1-4; Petroleum gas; [A complex combination of hydrocarbons provided by thermal cracking and absorber operations and by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4 and boiling in the range of approximately minus 164°C to minus 0.5°C (-263°F to 31°F).]	Cancer		Maine (EU Carcinogen)		x
68514-36-3	Hydrocarbons, C1-4, sweetened; Petroleum gas; [A complex combination of hydrocarbons obtained by subjecting hydrocarbon gases to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4 and boiling in the range of approximately -164°C to -0.5°C (-263°F to 31°F).]	Cancer		Maine (EU Carcinogen)		x
68515-49-1	Di-isodecyl phthalate (DIDP)	Development		Maine (CA Prop 65); WA Appen1	Phthalate, adhesive, plastics, lubricant, colorant	х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68515-51-5	1,2-Benzenedicarboxylic acid, di-C6- 10-alkyl esters	Reproduction	(VI VD)	ECHA Substances of Very High Concern	polymers, coating products, fillers, putties, plasters, modelling clay, inks and toners, lubricants/greases and finger paints	Chemical
68515-88-8	Pentene, 2,4,4-trimethyl-, sulfurized	Blood, Liver		EPA - HC	Anti-wear inhibitors in engine oils	х
68527-15-1	Gases (petroleum), oil refinery gas distn. off; Refinery gas; [A complex combination separated by distillation of a gas stream containing hydrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers in the range of C1 through C6 or obtained by cracking ethane and propane. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C2, hydrogen, nitrogen, and carbon monoxide.]	Cancer		Maine (EU Carcinogen)		
68527-16-2	Hydrocarbons, C1-3; Petroleum gas; [A complex combination of hydrocarbons having carbon numbers predominantly in the range of C1 through C3 and boiling in the range of approximately minus 164°C to minus 42°C (-263°F to -44°F).]	Cancer		Maine (EU Carcinogen)		x
68527-19-5	Hydrocarbons, C1-4, debutanizer fraction; Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68551-44-0	Fatty acids, C6-19-branched, zinc salts		х	Maine (Canada PBiT); WA Appen1		
68555-72-6	1-Pentanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5, 5,5-undecafluoro-N- (2-hydroxyethyl)-		x	Maine (Canada PBiT); WA Appen1	PFC	



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68555-73-7	1-Heptanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5, 5,6,6,7,7,7- pentadecafluoro-N-(2-hydroxyethyl)-		х	Maine (Canada PBiT); WA Appen1	PFC	
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-(2-hydroxyethyl)-N- methyl-		х	Maine (Canada PBiT); WA Appen1	PFC	
68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoro-N-(2-hydroxyethyl)- N-methyl-		х	Maine (Canada PBiT); WA Appen1	PFC	
68602-82-4	Gases (petroleum), benzene unit hydrotreater depentanizer overheads; Refinery gas; [A complex combination produced by treating the feed from the benzene unit with hydrogen in the presence of a catalyst followed by depentanizing. It consists primarily of hydrogen, ethane and propane with various small amounts of nitrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C1 through C6. It may contain trace amounts of benzene.]	Cancer		Maine (EU Carcinogen)		
68602-83-5	Gases (petroleum), C1-5, wet; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of crude oil and/or the cracking of tower gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68602-84-6	Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator; Refinery gas; [A complex combination produced by the fractionation of the overhead products from the catalytic cracking process in the fluidized catalytic cracker. It consists of hydrogen, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		x
68603-42-9	Coconut diethanolamide	Kidney, Skin		HSDB	Corrosion inhibitor, dishwashing detergent, surfactant	х
68606-25-7	Hydrocarbons, C2-4; Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68606-26-8	Hydrocarbons, C3; Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68606-27-9	Gases (petroleum), alkylation feed; Petroleum gas; [A complex combination of hydrocarbons produced by the catalytic cracking of gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C4.]	Cancer		Maine (EU Carcinogen)		х
68606-34-8	Gases (petroleum), depropanizer bottoms fractionation off; Petroleum gas; [A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists predominantly of butane, isobutane and butadiene.]	Cancer		Maine (EU Carcinogen)		х



CAS Number 68607-11-4	Chemical Name Petroleum products, refinery gases; Refinery gas; [A complex combination which consists primarily of hydrogen with various small	Health Endpoint(s) Cancer	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s) Maine (EU Carcinogen)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68607-30-7	amounts of methane, ethane, and propane.] Residues (petroleum), topping plant,		x	Maine (Canada PBiT); WA Appen1		
68631-49-2	low-sulfur PBDE-153 [2,2',4,4',5,5'- hexabromodiphenyl ether]		х	WA Appen1; Oregon P3 List	Flame retardant	
68648-53-3	Resin acids and Rosin acids, hydrogenated, esters with triethylene glycol		х	Maine (Canada PBiT); WA Appen1	Flame retardant	
68783-06-2	Gases (petroleum), hydrocracking low-pressure separator; Refinery gas; [A complex combination obtained by the liquid-vapor separation of the hydrocracking process reactor effluent. It consists predominantly of hydrogen and saturated hydrocarbons having carbon numbers predominantly in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		х
68783-07-3	Gases (petroleum), refinery blend; Petroleum gas; [A complex combination obtained from various processes. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		x
68783-08-4	Gas oils (petroleum), heavy atmospheric		х	Maine (Canada PBiT); WA Appen1	Petroleum, pre -refinery stream	х
68783-12-0	Naphtha (petroleum), unsweetened		X	Maine (Canada PBiT); WA Appen1		X



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68783-64-2	Gases (petroleum), catalytic cracking; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C3 through C5.]	Cancer		Maine (EU Carcinogen)		x
68783-65-3	Gases (petroleum), C2-4, sweetened; Petroleum gas; [A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers predominantly in the range of C2 through C4 and boiling in the range of approximately 51°C to -34°C (-60°F to -30°F).]	Cancer		Maine (EU Carcinogen)		x
68784-75-8	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	Reproduction		ECHA Substances of Very High Concern	coating products	
68814-67-5	Gases (petroleum), refinery; Refinery gas; [A complex combination obtained from various petroleum refining operations. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68814-90-4	Gases (petroleum), platformer products separator off; Refinery gas; [A complex combination obtained from the chemical reforming of naphthenes to aromatics. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.]	Cancer		Maine (EU Carcinogen)		x
68815-10-1	Petroleum, sulfurized		Х	Maine (Canada PBiT); WA Appen1		
68877-63-4	Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl) azo]-5-[(2-cyanoethyl)-2-propenylamino]-4 -methoxyphenyl]-		х	Maine (Canada PBiT); WA Appen1	Dye	
68910-11-2	Benzenemethanol, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, reaction products with 1,3,5-trimethylbenzene		х	Maine (Canada PBiT); WA Appen1		
68911-58-0	Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off, Refinery gas, [The complex combination obtained from the depentanizer stabilization of hydrotreated kerosine. It consists primarily of hydrogen, methane, ethane, and propane with various small amounts of nitrogen, hydrogen sulfide, carbon monoxide and hydrocarbons having carbon numbers predominantly in the range of C4 through C5.]	Cancer		Maine (EU Carcinogen)		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
68911-59-1	Gases (petroleum), hydrotreated sour kerosine flash drum; Refinery gas; [A complex combination obtained from the flash drum of the unit treating sour kerosine with hydrogen in the presence of a catalyst. It consists primarily of hydrogen and methane with various small amounts of nitrogen, carbon monoxide, and hydrocarbons having carbon numbers predominantly in the range of C2 through C5.]	Cancer		Maine (EU Carcinogen)		х
68918-99-0	Gases (petroleum), crude oil fractionation off; Petroleum gas; [A complex combination of hydrocarbons produced by the fractionation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
68919-00-6	Gases (petroleum), dehexanizer off; Petroleum gas; [A complex combination of hydrocarbons obtained by the fractionation of combined naphtha streams. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
68919-01-7	Gases (petroleum), distillate unifiner desulfurization stripper off; Refinery gas; [A complex combination stripped from the liquid product of the unifiner desulfurization process. It consists of hydrogen sulfide, methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68919-02-8	Gases (petroleum), fluidized catalytic cracker fractionation off; Refinery gas; [A complex combination produced by the fractionation of the overhead product of the fluidized catalytic cracking process. It consists of hydrogen, hydrogen sulfide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		x
68919-03-9	Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off; Refinery gas; [A complex combination produced by scrubbing the overhead gas from the fluidized catalytic cracker. It consists of hydrogen, nitrogen, methane, ethane and propane.]	Cancer		Maine (EU Carcinogen)		х
68919-04-0	Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off; Refinery gas; [A complex combination stripped from the liquid product of the heavy distillate hydrotreater desulfurization process. It consists of hydrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		x



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
646			Persistent, very		Han Francistatal and tax	Volume (HPV)
CAS	Chamilton Name	Haralah Fushashah	Bioaccumulative	Commented	Use Example(s) and/or	
Number	Chemical Name Gases (petroleum), light straight run	Health Endpoint(s)	(vPvB)	Source(s) Maine (EU Carcinogen)	Chemical Class	Chemical ¹
	gasoline fractionation stabilizer off;			Iwaine (EO Carcinogen)		
	Petroleum gas; [A complex					
	combination of hydrocarbons					
	obtained by the fractionation of light					
68919-05-1	straight-run gasoline. It consists of	Cancer				Х
	saturated aliphatic hydrocarbons					
	having carbon numbers					
	predominantly in the range of C1					
	through C5.]					
	Gases (petroleum), naphtha unifiner			Maine (EU Carcinogen)		
	desulfurization stripper off;					
	Petroleum gas; [A complex					
	combination of hydrocarbons					
60040 06 3	produced by a naphtha unifiner					
68919-06-2	desulfurization process and stripped	Cancer				Х
	from the naphtha product. It consists of saturated aliphatic hydrocarbons					
	having carbon numbers					
	predominantly in the range of C1					
	through C4.]					
				Maine (EU Carcinogen)		
	Gases (petroleum), platformer					
	stabilizer off, light ends fractionation; Refinery gas; [A complex					
	combination obtained by the					
68919-07-3	fractionation of the light ends of the	Cancer				x
	platinum reactors of the platformer					
	unit. It consists of hydrogen,					
	methane, ethane and propane.]					
	Gases (petroleum), preflash tower			Maine (EU Carcinogen)		
	off, crude distn.; Refinery gas; [A			ivianie (20 Carcinogen)		
	complex combination produced from					
	the first tower used in the distillation					
68919-08-4	of crude oil. It consists of nitrogen	Cancer				x
	and saturated aliphatic hydrocarbons					
	having carbon numbers					
	predominantly in the range of C1					
	through C5.]					



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68919-09-5	Gases (petroleum), straight-run naphtha catalytic reforming off; Petroleum gas; [A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and fractionation of the total effluent. It consists of methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		
68919-10-8	Gases (petroleum), straight-run stabilizer off; Petroleum gas; [A complex combination of hydrocarbons obtained from the fractionation of the liquid from the first tower used in the distillation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		x
68919-11-9	Gases (petroleum), tar stripper off; Refinery gas; [A complex combination obtained by the fractionation of reduced crude oil. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
68919-12-0	Gases (petroleum), unifiner stripper off; Refinery gas; [A combination of hydrogen and methane obtained by fractionation of the products from the unifiner unit.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68919-20-0	Gases (petroleum), fluidized catalytic cracker splitter overheads; Petroleum gas; [A complex combination of hydrocarbons produced by the fractionation of the charge to the C3 - C4 splitter. It consists predominantly of C3 hydrocarbons.]	Cancer		Maine (EU Carcinogen)		х
68920-70-7	Alkanes, C6-18, chloro		х	Maine (Canada PBiT); WA Appen1	Paraffin, plasticizer	
68921-45-9	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene		х	Maine (Canada PBiT); WA Appen1	Antioxidant additive in engine oils	
68937-41-7	Isopropylated triphenyl phosphate (IPTPP)	Reproductive; Developmental; Neurological		Washington CHCC List	Suspected children's foam products, upholstered furniture, and in Firemaster 550	х
68937-51-9	Silanamine, 1,1,1-trimethyl-N- (trimethylsilyl)-, reaction products with ammonia, octamethylcyclotetrasiloxane and silica		х	Maine (Canada PBiT); WA Appen1	Formulation component	
68938-42-1	Paraffin waxes and Hydrocarbon waxes, chloro, reaction products with naphthalene		х	Maine (Canada PBiT); WA Appen1	Paraffin wax	
68938-51-2	Siloxanes and Silicones, 3- cyanopropyl Me, di-Me		х	Maine (Canada PBiT); WA Appen1		
68952-76-1	Gases (petroleum), catalytic cracked naphtha debutanizer; Petroleum gas; [A complex combination of hydrocarbons obtained from fractionation of catalytic cracked naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		x
68953-84-4	1,4-Benzenediamine, N,N'-mixed Ph and tolyl derivs.		х	Maine (Canada PBiT); WA Appen1		х
68955-27-1	Distillates (petroleum), petroleum residues vacuum		х	Maine (Canada PBiT); WA Appen1		х



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
68955-28-2	Gases (petroleum, light steam-cracked, butadiene conc.; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists of hydrocarbons having a carbon number predominantly of C4.]	Cancer		Maine (EU Carcinogen)		х
68955-33-9	Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation; Refinery gas; [A complex combination obtained by the fractionation of products from the fluidized catalytic cracker and gas oil desulfurizer. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		x
68955-34-0	Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead; Petroleum gas; [A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and the fractionation of the total effluent. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.]	Cancer		Maine (EU Carcinogen)		x
68955-53-3	Amines, C12-14-tert-alkyl	Development		EPA - RBP	Organic chemical mfg	х
68957-62-0	1-Heptanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5, 5,6,6,7,7,7- pentadecafluoro-		х	Maine (Canada PBiT); WA Appen1	PFC	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
68989-88-8	Gases (petroleum), crude distn. and catalytic cracking; Refinery gas; [A complex combination produced by crude distillation and catalytic cracking processes. It consists of hydrogen, hydrogen sulfide, nitrogen, carbon monoxide and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		x
69011-06-9	[Phthalato(2-)]dioxotrilead	Reproduction		ECHA Substances of Very High Concern	polymers/plastics	
69409-94-5	Fluvalinate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
69430-47-3	Siloxanes and Silicones, di-Me, reaction products with Me hydrogen siloxanes and 1,1,3,3-tetramethyldisiloxane (MDnM-hydride)		х	Maine CC; Canada PBiT	Polymer, crosslinking agent	
69695-75-6	9,10-Anthracenedione, 1-amino-4-[[3- [(dimethylamino) methyl]phenyl]amino]-, monohydrochloride		х	Maine (Canada PBiT); WA Appen1		
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl		х	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1; Oregon P3 List	РСВ	
69806-40-2	Haloxyfop-methyl	Kidney, Reproduction		IRIS; WA Appen1	Pesticide (not EPA registered)	
69806-50-4	Fluazifop butyl	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
69898-41-5	furo[3,4-b]pyridin-7(5H)-one, 5-[4- (diethylamino)-2-ethoxyphenyl]-5-(1- ethyl-2-methyl-1H-indol-3-yl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	,	
69898-66-4	5-Isobenzofurancarboxylic acid, 3-[4-(diethylamino)-2-ethoxyphenyl] -3-(1-ethyl-2-methyl-1H-indol-3-yl)-1,3 -dihydro-1-oxo-, ethyl ester		х	Maine (Canada PBiT); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
69898-67-5	5-Isobenzofurancarboxylic acid, 1-[4- (diethylamino)-2-ethoxyphenyl] -1-(1- ethyl-2-methyl-1H-indol-3-yl)-1,3 - dihydro-3-oxo-, ethyl ester		х	Maine (Canada PBiT); WA Appen1		
70124-77-5	flucythrinate		x	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Pesticide (EPA reg. cancelled)	
70161-19-2	Benzenesulfonic acid, [(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)bis(imino-4,1-phenyleneoxy)]bis -, disodium salt		x	Maine (Canada PBiT); WA Appen1		
70210-08-1	2-Naphthalenesulfonamide, N-[2- (acetyloxy)ethyl]-6- hydroxy-N- methyl-5-[[4-(phenylazo)phenyl]azo]-		x	Maine (Canada PBiT); WA Appen1	Dye	
70225-14-8	Diethanolamine salt [Perfluorooctane sulfonates (PFOS)]	Development, Liver, Thyroid	x	Maine (WA PBT List; Canada PBiT); WA Appen1; Minnesota HRL	PFC	
70321-86-7	2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl) phenol	Liver		EPA - HC	Industrial additive for polymers and coatings	х
70331-94-1	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, (1,2-dioxo-1,2-ethanediyl) bis(imino-2,1-ethanediyl) ester		х	Maine (Canada PBiT); WA Appen1	Phenolic antioxidant/metal deactivator	
70362-50-4	PCB-081 (3,4,4',5- tetrachlorobiphenyl)		х	Oregon P3 List	Enclosed electrical systems	
70514-12-4	Lubricating oils, used		х	Maine (Canada PBiT); WA Appen1	Lubricating oils	
70592-76-6	Distillates (petroleum), intermediate vacuum		х	Maine (Canada PBiT); WA Appen1		х
70592-77-7	Distillates (petroleum), light vacuum		Х	Maine (Canada PBiT); WA Appen1		х
70592-78-8	Distillates (petroleum), vacuum		Х	Maine (Canada PBiT); WA Appen1		Х
70592-79-9	Residues (petroleum), atm. tower, light		х	Maine (Canada PBiT); WA Appen1		х
70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran		х	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1		
70776-03-3	naphthalene, chloro derivs.		x	Maine (OSPAR Chemical of Concern; Canada PBiT); WA Appen1	PCN	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
70776-86-2	2-Butanone, 4-[[[1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-1-phenanthrenyl]methyl](3-oxo-3-phenylpropyl)amino]-, [1R- $(1\alpha,4a\beta,10a\alpha)$]-		x	Maine (Canada PBiT); WA Appen1		
70969-47-0	Thiols, C8-20, γ-ω-perfluoro, telomers with acrylamide		x	Maine (Canada PBiT); WA Appen1	AFFF (Aqueous film forming foam)	
71032-95-6	2-Naphthalenesulfonic acid, 7-[[4,6-bis[[3-(diethylamino) propyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy -3-[[4-(phenylazo)phenyl]azo]-, monoacetate (salt)		х	Maine (Canada PBiT); WA Appen1	Dye	
71868-10-5	2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	Reproduction		ECHA Substance of Very High Concern	coating products, inks/toners/fillers, putties, plasters, modelling clay. In the manufacture of pulp, paper/paper products, chemcials, plastic products, and fabricated metal products (source: SVHC listing)	
72102-55-7	Methylium, [4- (dimethylamino)phenyl] bis[4- (ethylamino)-3-methylphenyl]-, acetate		х	Maine (Canada PBiT); WA Appen1	dye	
72102-56-8	Methylium, [4- (dimethylamino)phenyl] bis[4- (ethylamino)-3-methylphenyl]-, chloride		x	Maine (Canada PBiT); WA Appen1	Chemical intermediate	
72102-64-8	Methylium, bis[4- (dimethylamino)phenyl] [4- (ethylamino)-3-methylphenyl]-, chloride		х	Maine (Canada PBiT); WA Appen1	Chemical intermediate	
72318-87-7	Phenol, [[[3- (dimethylamino)propyl]amino]methy I]-, isobutylenated		x	Maine (Canada PBiT); WA Appen1		
72490-01-8	Fenoxycarb	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
		-		ECHA Substances of Very High	prodction of fluoropolymers	
72629-94-8	Pentacosafluorotridecanoic acid		х	Concern (vPvB)	and fluorotelomers	
	Benzenesulfonic acid, [(9,10-dihydro-			Maine (Canada PBiT); WA Appen1		
72749-91-8	9,10-dioxo- 1,4-		x			
	anthracenediyl)diimino]bis[(1,1-dimethylethyl)-, sodium salt					
	Methylium, bis(4-amino-3,5-			Maine (Canada PBiT); WA Appen1		
72812-39-6	dimethylphenyl) (2,6-dichlorophenyl)-		х			
	, phosphate (1:1)					
	Benzonitrile, 2-[[4-[[2-			Maine (Canada PBiT); WA Appen1		
72828-63-8	(acetyloxy)ethyl] butylamino]-2-		x			
72020 03 0	methylphenyl]azo]-3-bromo-5-nitro -		^			
	menyiphenyijazoj s siomo s mao					
	Chromate(1-), bis[3,5-bis(1,1-			Maine (Canada PBiT); WA Appen1	Inks, toner	
72869-85-3	dimethylethyl) -2-hydroxybenzoato(2-		х			
)-O1,O2]-, hydrogen					
	Methanesulfonamide, N-[2-[(2,6-			Maine (Canada PBiT); WA Appen1	Pigment, dye and printing	
72968-82-2	dicyano-4-methylphenyl) azo]-5-		x	Walle (Callada i Bir), WA Appelli	ink	
72300 02 2	(dipropylamino)phenyl]-		~		iiik	
				Maine (Canada PBiT); WA Appen1		
73398-86-4	Pyridine, 4-(3-chloro-5-propylphenyl)-		Х	,, ,,		
72200 07 5	Duriding 4 (4 shlare 2 prepulahanul)			Maine (Canada PBiT); WA Appen1		
73398-87-5	Pyridine, 4-(4-chloro-3-propylphenyl)-		Х			
	3-Pyridinecarbonitrile, 5-[[4-[(2,6-			Maine (Canada PBiT); WA Appen1		
73528-78-6	dichloro-4-nitrophenyl) azo]-2,5-		x			
75520-76-0	dimethoxyphenyl]azo]-2,6-bis[(2 -		^			
	methoxyethyl)amino]-4-methyl-					
74051-80-2	Sethoxydim	Blood		IRIS; WA Appen1	Pesticide	
	9,10-Anthracenedione, 1-[(5,7-			Maine (Canada PBiT); WA Appen1	Pigment Red 251	
74336-60-0	dichloro-1,9-dihydro- 2-methyl-9-		x			
	oxopyrazolo[5,1-b]quinazolin-3-					
	yl)azo]- (Pigment Red 251)			11. (5.65.1	n on	
				Maine (EuC Endocrine Disruptor	PCB	
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl	Endocrine system	x	Priority List; EPA Final PBT Rule for		
				TRI; WA PBT List); WA Appen1;		
				Oregon P3 List		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
75768-65-9	Phosphonium, triphenyl(phenylmethyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[pheno l] (1:1)		х	Maine (Canada PBiT); WA Appen1	Catalyst, curing agent	
76578-14-8	Quizalofop-ethyl	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
76738-62-0	Paclobutrazol	Liver		IRIS; WA Appen1	Pesticide	
76842-07-4	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List)		
77094-11-2	MeIQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	In cooked meat and fish	
77182-82-2	Glufosinate-ammonium	Kidney		IRIS; WA Appen1	Pesticide	
77439-76-0	MX (3-chloro-4-dichloromethyl-5-hydroxy-2(5H)-furanone)	Cancer		Maine (CA Prop 65); WA Appen1	Research	
77500-04-0	MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	In cooked meats	
77501-63-4	Lactofen	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
77536-67-5	asbestos (anthophyllite)	Cancer		Maine (EU Carcinogen)		
77536-68-6	asbestos (tremolite)	Cancer		Maine (EU Carcinogen)		
78587-05-0	Hexythiazox (Savey)	Adrenal complex, Blood		IRIS; WA Appen1	Pesticide	
79277-27-3	Thifensulfuron-methyl (Harmony)	Blood, Body weight		IRIS; WA Appen1	Pesticide	
79357-73-6	Amines, C18-22-tert-alkyl, (chloromethyl)phosphonates (2:1)		×	Maine (Canada PBiT); WA Appen1	Lubricating agent, lubricant additive	
79542-46-4	Acetamide, N-[4-chloro-2-[2-(2-chloro- 4-nitrophenyl)azo]-5-[(2-hydroxy-3-phenoxypropyl) amino]phenyl]-		х	Maine (Canada PBiT); WA Appen1		
79748-81-5	Fusarin C	Cancer		Maine (CA Prop 65); WA Appen1	Mycotoxin	
81412-43-3	morpholine, 2,6-dimethyl-4-(C10-13)-alkyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
82657-04-3	Bifenthrin (Talstar)	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	Pesticide	
83249-47-2	Acetamide, N-[2-[(2-bromo-6-cyano-4- nitrophenyl)azo]-5-(dipropylamino)phenyl]-		х	Maine (Canada PBiT); WA Appen1		



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			Persistent, Bioaccumulative,			
			,			
			Toxic (PBT) or very Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
Number		rieattii Eliupoiiit(s)	(VFVD)	Maine (Canada PBiT); WA Appen1	Cifernical Class	Ciletifical
83249-53-0	Methanesulfonamide, N-[2-[(2-bromo-6-cyano-4-methylphenyl)azo]-5-(diethylamino)phenyl]-		х	manie (canada i Bir), Wirippeni		
83249-54-1	Methanesulfonamide, N-[2-[(2-bromo-6-cyano-4-methylphenyl)azo]-5-(dipropylamino)phenyl]-		х	Maine (Canada PBiT); WA Appen1		
83721-47-5	Methanesulfonamide, 1-chloro-N-[2,3,4-trichloro- 6-(2,4-dichlorophenoxy)phenyl]-, sodium salt		х	Maine (Canada PBiT); WA Appen1		
83721-48-6	Methanesulfonamide, 1-chloro-N-[2,3,4,5-tetrachloro- 6-(2,4-dichlorophenoxy)phenyl]-, sodium salt		x	Maine (Canada PBiT); WA Appen1		
83968-86-9	9,10-Anthracenedione, 1-amino-4-[[3- [(dimethylamino) methyl]phenyl]amino]-, monoacetate		х	Maine (Canada PBiT); WA Appen1		
84082-38-2	Alkanes, C10-21, chloro		х	Maine (Canada PBiT); WA Appen1		
84852-15-3	phenol, 4-nonyl-, branched		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Epoxy hardener	х
84852-53-9	Decabromodiphenyl ethane (DBDPE)	Developmental		Washington CHCC List	additive flame retardant; polymer and textile applications; wire and cable coating; latex-based back coating for drapery and upholstery fabrics	x
85005-63-6	2-Naphthalenecarboxamide, 4-[(2,4-dinitrophenyl)azo]-3-hydroxy-N-phenyl-		x	Maine (Canada PBiT); WA Appen1		
85186-47-6	Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, salt with mono-C10-14-alkylbenzenesulfonic acid (1:1)		х	Maine (Canada PBiT); WA Appen1		
85409-17-2	stannane, tributyl-, mono(naphthenoyloxy) derivs.	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
85422-92-0	Paraffin oils, chloro		Х	Maine (Canada PBiT); WA Appen1		
85509-19-9	Flusilazole (NuStar)	Liver		IRIS; WA Appen1	Pesticide (not EPA	
85509-19-9	Trustiazore (ivustar)	Livei			registered)	
				Maine (EuC Endocrine Disruptor	Lubricants in metal cutting,	
				Priority List; WA PBT List; EU PBT	plasticizers and flame	
85535-84-8	Short-chain chlorinated paraffins		x	List; OSPAR Chemicals of Concern;	retardants in plastics	
05555 04 0	Short chair chromated parannis		^	ECHA Substances of Very High		
				Concern; Canada PBiT); WA		
				Appen1		
				Maine (EuC Endocrine Disruptor		
85535-85-9	alkanes, C14-17, chloro	Endocrine system	Х	Priority List; Canada PBiT); WA		X
				Appen1		
85535-86-0	Alkanes, C18-28, chloro		Х	Maine (Canada PBiT); WA Appen1		
	3H-Indol-3-one, 5,7-dibromo-2-(5-			Maine (Canada PBiT); WA Appen1		
85702-64-3	bromo-7- chloro-1,3-dihydro-3-oxo-		Х			
	2H-indol-2-ylidene)-1,2-dihydro -			14 : (6 1 22:7) 11/4 4		
	2,9,11,13-Tetraazanonadecanethioic			Maine (Canada PBiT); WA Appen1		
05702.00.5	acid, 19-isocyanato-11-(6-					
85702-90-5	isocyanatohexyl)-10,12-dioxo-, S-[3-		х			
	(trimethoxysilyl)propyl] ester					
	Butanamide, 2-[2,4-bis(1,1-			Maine (Canada PBiT); WA Appen1		
86551-61-3	dimethylpropyl) phenoxy]-N-[4-(2-		x	Walle (Callada FBIT), WA Appelli		
00331-01-3	formylhydrazino)phenyl]-		^			
	propanoic acid, 2-[4-[[3-chloro-5-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
	(trifluoromethyl)-2-			Concern); WA Appen1	registered)	
87237-48-7	pyridinyl]oxy]phenoxy]-, 2-		х	concern), www.ppenii	registeredy	
	ethoxyethyl ester					
87741-01-3	Hydrocarbons, C4, Petroleum gas	Cancer		Maine (EU Carcinogen)		
	-	Development,		Maine (CA Prop 65);WA Appen1;	Pesticide	
88671-89-0	Myclobutanil	Reproduction	х	Oregon P3 List		
	Carbonic acid disodium salt, reaction			Maine (Canada PBiT); WA Appen1		
	products with aniline, 4-					
90268-98-7	nitrobenzenamine, p-		х			
	phenylenediamine, sodium sulfide,					
	sulfur and p-toluidine					
90622-55-2	Alkanes, C1-4, C3-rich, Petroleum gas	Cancer		Maine (EU Carcinogen)		
50022-33-2	Airaries, C1-4, C3-HCH, Fettoleulli gas	Caricer				



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
90640-80-5	Anthracene oil	Cancer	x	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern	In coal tar pitch, coal tar enamel mfg	
90640-81-6	Anthracene oil, anthracene paste	Cancer	х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern		
90640-82-7	Anthracene oil, anthracene-low	Cancer	х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern	Solvent	
90640-86-1	Distillates (coal tar), heavy oils		х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		
90729-40-1	3-Pyridinecarbonitrile, 1-butyl-5-[[4- (4-chlorobenzoyl) -2-nitrophenyl]azo]- 1,2-dihydro-6-hydroxy-4 -methyl-2- oxo-		х	Maine (Canada PBiT); WA Appen1		
90982-32-4	Chlorimuron-ethyl	Blood		IRIS; WA Appen1	Pesticide	
91031-62-8	Fatty acids, C16-18, lead salts	Reproduction		ECHA Substances of Very High Concern	polymers/plastics	
91465-08-6	Cyhalothrin (Karate)	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	Pesticide	
91995-15-2	Anthracene oil, anthracene paste, anthracene fraction; Anthracene Oil Fraction; [A complex combination of hydrocarbons from the distillation of anthracene obtained by the crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of 330°C to 350°C (626°F to 662°F). It contains chiefly anthracene, carbazole and phenanthrene.]	Cancer	x	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
91995-17-4	Anthracene oil, anthracene paste, distn. lights; Anthracene Oil Fraction; [A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of approximately 290°C to 340°C (554°F to 644°F). It contains chiefly trinuclear aromatics and their dihydro derivatives.]	Cancer	x	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern		
91995-42-5	Distillates (coal tar), heavy oils, pyrene fraction		x	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		
91995-52-7	Distillates (coal tar), pitch, pyrene fraction		х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		
92045-15-3	Gases (petroleum), gas oil diethanolamine scrubber off; Refinery gas; [A complex combination produced by desulfurization of gas oils with diethanolamine. It consists predominantly of hydrogen sulfide, hydrogen and aliphatic hydrocarbons having carbon numbers in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
92045-16-4	Gases (petroleum), gas oil hydrodesulfurization effluent; Refinery gas; [A complex combination obtained by separation of the liquid phase from the effluent from the hydrogenation reaction. It consists predominantly of hydrogen, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		
92045-17-5	Gases (petroleum), gas oil hydrodesulfurization purge; Refinery gas; [A complex combination of gases obtained from the reformer and from the purges from the hydrogenation reactor. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
92045-18-6	Gases (petroleum), hydrogenator effluent flash drum off; Refinery gas; [A complex combination of gases obtained from flash of the effluents after the hydrogenation reaction. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
92045-19-7	Gases (petroleum), naphtha steam cracking high-pressure residual; Refinery gas; [A complex combination obtained as a mixture of the non-condensable portions from the product of a naphtha steam cracking process as well as residual gases obtained during the preparation of subsequent products. It consists predominantly of hydrogen and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C1 through C5 with which natural gas may also be mixed.]		(4.05)	Maine (EU Carcinogen)	Sile in Cass	
92045-20-0	Gases (petroleum), residue visbaking off; Refinery gas; [A complex combination obtained from viscosity reduction of residues in a furnace. It consists predominantly of hydrogen sulfide and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
92045-22-2	Gases (petroleum), steam-cracker C3-rich; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of products from a steam cracking process. It consists predominantly of propylene with some propane and boils in the range of approximately -70°C to 0°C (-94°F to 32°F).]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
92045-23-3	Hydrocarbons, C4, steam-cracker distillate; Petroleum gas; [A complex combination of hydrocarbons produced by the distillation of the products of a steam cracking process. It consists predominantly of hydrocarbons having a carbon number of C4, predominantly 1-butene and 2-butene, containing also butane and isobutene and boiling in the range of approximately minus 12°C to 5°C (10.4°F to 41°F).]	Cancer		Maine (EU Carcinogen)		
92045-41-5	Lubricating oils, used, vacuum distd.		Х	Maine (Canada PBiT); WA Appen1		
92045-52-8	Naphtha (petroleum), hydrodesulfurized full-range		х	Maine (Canada PBiT); WA Appen1		
92045-80-2	Petroleum gases, liquefied, sweetened, C4 fraction; Petroleum gas; [A complex combination of hydrocarbons obtained by subjecting a liquefied petroleum gas mix to a sweetening process to oxidize mercaptans or to remove acidic impurities. It consists predominantly of C4 saturated and unsaturated hydrocarbons.]	Cancer		Maine (EU Carcinogen)		
92061-94-4	Residues (coal tar), pitch distn.		х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		
93918-79-7	Carbamic acid, cyclohexyl-, nitrilotri- 2,1-ethanediyl ester		х	Maine (Canada PBiT); WA Appen1		
94199-57-2	2-Naphthalenecarboxamide, N-{2- ethoxyphenyl)-3-hydroxy- 4-[(2- nitrophenyl)azo]-		х	Maine (Canada PBiT); WA Appen1	Dye	
94248-26-7	Methanesulfonamide, 1-chloro-N-(2-phenoxyphenyl)-, pentachloro deriv., sodium salt		x	Maine (Canada PBiT); WA Appen1		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
	Raffinates (petroleum), steam-			Maine (EU Carcinogen)		
	cracked C4 fraction cuprous					
97722-19-5	ammonium acetate extn., C3-5 and	Cancer				
	C3-5 unsatd., butadiene-free;					
	Petroleum gas					
100702-98-5	4,4'-Dihydroxy-2,3,5,6-	Endocrine system		Maine (EuC Endocrine Disruptor	PCB	
100702-98-3	tetrachlorobiphenyl	Endocrine system		Priority List); WA Appen1		
				IARC 2B; MN HRL	blue-green algae toxin,	
101043-37-2	Microcystin-LR	Cancer; Liver			contaminant in blue-green	
					algae health supplement	
101200-48-0	Tribenuron-methyl (Express)	Blood chemistry		IRIS; WA Appen1	Pesticide	
101200-53-7	Pyridine, 2-[3-(3-		x	Maine (Canada PBiT); WA Appen1	Fragrance, perfume,	
101200-33-7	chlorophenyl)propyl]-		X		deodorizer, flavoring agent	
	distillates (petroleum), alkene-alkyne			Maine (OSPAR Chemicals of		
101316-50-1	manuf. pyrolysis oil, condensed		х	Concern); WA Appen1		
	arom. ring-contg.					
101316-83-0	Tar brown-coal	Cancer		Maine (EU Carcinogen)		х
101316-84-1	Tar, brown-coal, low-temp.	Cancer		Maine (EU Carcinogen)		
104948-36-9	Alkanes, C10-22, chloro		Х	Maine (Canada PBiT); WA Appen1	Paraffins	
105650-23-5	PhiP(2-Amino-1-methyl-6-	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Cooked meats	
103030 23 3	phenylimidazol[4,5-b]pyridine)	Caricer		WA Appen1		
106232-85-3	Alkanes, C18-20, chloro		Х	Maine (Canada PBiT); WA Appen1	Paraffins	
	Benzoic acid, 2,3,4,5-tetrachloro-6-			Maine (Canada PBiT); WA Appen1	Colorant for textile fiber	
	cyano-, methyl ester, reaction					
106276-78-2	products with 4-[(4-		x			
100270 70 2	aminophenyl)azo]-3-		*			
	methylbenzenamine and sodium					
	methoxide					
	1H-Imidazole-1-ethanol, α-(2,4-			Maine (Canada PBiT); WA Appen1		
108004-27-9	dichlorophenyl) -α-[2-(2,4-		x			
100001273	dichlorophenyl)cyclopropyl]-,		^			
	[1α(R),2β]-					
108171-26-2	Chlorinated paraffins (Average chain			Maine (CA Prop 65; NTP 11th ROC);	Paraffins	
	length, C12;approximately 60	Cancer		WA Appen1		
	percent chlorine by weight)					
	Perfluorohexanesulfonate (PFHxS)				PFC; stain-resistant fabrics;	
108427-53-8		Liver system; Thyroid	x x	of Very High Concern	fire-fighting foams; food	
					packaging; industrial	
					surfactant	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
110235-47-7	Mepanipyrim	Cancer		Maine (CA Prop 65)	Pesticide (not EPA registered)	
111810-41-4	4-Hydroxy-3,3',4',5'- tetrachlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen2		
116355-83-0	Fumonisin B1	Cancer		Maine (CA Prop 65); WA Appen1	Fungal toxin	
110000 00 0				Maine (Canada PBiT); WA Appen1	PCB	
117310-64-2	Phosphine oxide, (butylphenyl)bis(2,6-dichlorobenzoyl)-		х	mane (canada : 517), m		
118174-38-2	6-Methyl-1,3,8-trichlorodibenzofuran	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Furan	
119313-12-1	2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	Reproduction		ECHA Substance of Very High Concern	coating products, inks/toners, polymers, metals and fillers, putties, plasters, modelling clay, adhesives/sealants, metals, finger paints (source: SVHC listing)	
120068-37-3	Fipronil		Х	Oregon P3 List	Pesticide	
121158-58-5	Phenol, dodecyl-, branched	Reproduction, Endocrine system		ECHA Substance of Very High Concern	Industrial chemcial used in manufacture of chemicals, rubber products, and plastic products (source: SVHC listing)	
124751-15-1	Resin acids and Rosin acids, fumarated, barium salts		х	Maine (Canada PBiT); WA Appen1	Formulation component, pigment, dye, printing ink	
125328-28-1	Phenol, 4,4'-(1-methylethylidene)bis-, reaction products with hexakis(methoxymethyl)melamine		х	Maine (Canada PBiT); WA Appen1	Plastic, synthetic resin	
125471-97-8	Lubricating oils (petroleum), hydrotreated, used, distn. residues		х	Maine (Canada PBiT); WA Appen1		
127087-87-0	4-Nonylphenol, branched and linear, ethoxylated	Systemic		ECHA Substances of Very High Concern	surfactantdetergents, emulsifiers, paints, plastics	
127126-02-7	Propanenitrile, 3-[[2- (acetyloxy)ethyl][4- [(6,7-dichloro-2- benzothiazolyl)azo]phenyl]amino]-		х	Maine (Canada PBiT); WA Appen1		
128683-25-0	, ,		х	Maine (Canada PBiT); WA Appen1		
128683-26-1	Distillates (petroleum), full-range atm.		х	Maine (Canada PBiT); WA Appen1		
128683-28-3	Gas oils (petroleum), full-range		Х	Maine (Canada PBiT); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
128683-29-4	Gas oils (oil sand), hydrotreated		X	Maine (Canada PBiT); WA Appen1		
128683-30-7	Gas oils (oil sand)		Х	Maine (Canada PBiT); WA Appen1		
128683-33-0	Naphtha (oil sand), hydrotreated		X	Maine (Canada PBiT); WA Appen1		
128683-35-2	Residues (oil sand), atm. tower		X	Maine (Canada PBiT); WA Appen1		
129566-94-5	Hydrocarbons, C12-25, dehydrated used lubricating oil distillates		x	Maine (Canada PBiT); WA Appen1		
129893-11-4	Residues (petroleum), vacuum, hydrocracked, naphtha fraction		х	Maine (Canada PBiT); WA Appen1		
129893-17-0	Lubricating oils, used, residues		Х	Maine (Canada PBiT); WA Appen1	Lubricating oils	х
	Lubricating oils, used, vacuum distd,			Maine (Canada PBiT); WA Appen1	Lubricating oils	X
129893-18-1	clay-treated		x	, , , , , , , , , , , , , , , , , , , ,	East reading ons	
129893-21-6	Natural gas condensates, C4-12 distillate		x	Maine (Canada PBiT); WA Appen1		
129893-22-7	Natural gas condensates, C5-12 distillate		x	Maine (Canada PBiT); WA Appen1		
132207-32-0	Asbestos	Cancer		Maine (EU Carcinogen)		
132538-91-1	Lubricating oils, used, distd., C5-18 fraction		х	Maine (Canada PBiT); WA Appen1		
132538-93-3	Lubricating oils, used, distd., light oil		Х	Maine (Canada PBiT); WA Appen1		
				Maine (CA Prop 65); WA Appen1	Pesticide (not EPA	
140923-17-7	Iprovalicarb (also CAS#140923-25-7)	Cancer	X		registered)	
141112-29-0	Isoxaflutole	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
177406-68-7	Benthiavalicarb-isopropyl	Cancer		Maine (CA Prop 65)	Pesticide (not EPA registered)	
		Reproductive;			flame retardant; flexible	
183658-27-7	2-ethylhexyl-2,3,4,5-	Developmental;		Washington CHCC List	polyurethane foam;	
	tetrabromobenzoate (TBB)	Neurological		3	Firemaster 550 mixture	
189084-64-8	PBDE-100 [2,2',4,4',6- Pentabromodiphenyl ether]	- U	х	Oregon P3 List	Flame retardant	
220602 12 5	tetrabutyl-phosphonium nonafluoro-	Developmental,		ECHA Substance of Very High	polymers and plastic	
220689-12-3	butane-1-sulfonate	Systemic		Concern	production (SVHC listing)	
	Benzenesulfonic acid, hydroxydinonyl-	-		Maine (Canada PBiT); WA Appen1		
223777-68-2	, branched, monoammonium salt		x			
255881-94-8	S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2- ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	РВТ	х	ECHA Substance of Very High Concern	Used in hydraulic fluids, lubricants, greases (source: SVHC listing).	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Histor Dona donation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical ¹
308068-56-6	Carbon nanotubes, multi-walled MWCNT-7	Cancer		IARC 2B	structural automobile parts; lithium-ion batteries; solar cell technology; electrical wiring; anti-microbial	
308076-74-6	Silicon carbide, fibrous	Cancer		IARC 2B	lapidary abrasive, composite armor, car brake lining, component of heating elements in electrical furnaces (uses are from silicon carbide, general)	
1372804-76-6	Alkanes, C14-16, chloro	PBT	х	ECHA Substance of Very High Concern	Manufactured formulations (source: EPA ChemDash)	
1782069-81-1	(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	Endocrine system		ECHA Substance of Very High Concern	Cosmetics and personal care products (source: SVHC listing)	
N/A	4-OH-2,2',4',5,5'- pentachlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen2		
N/A	Aluminosilicate Refractory Ceramic Fibers	Cancer		ECHA Substances of Very High Concern		
N/A	Benzidine-based dyes	Cancer		Maine (CA Prop 65); WA Appen2		
N/A	Bitumens, extracts of steam-refined and air refined	Cancer		Maine (CA Prop 65); WA Appen2		
N/A	Carbon-black extracts	Cancer		Maine (CA Prop 65); WA Appen2		
N/A	DDT, DDD, DDE		х	Maine (EPA Priority Chemicals); Oregon P3 List		
N/A	Dyes metabolized to 3,3'- dimethoxybenzidine	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen2		
N/A	Dyes metabolized to 3,3'- dimethylbenzidine	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen2		
N/A	Dyes metabolized to benzidine	Cancer		Maine (IARC; NTP 11th ROC); WA Appen2		
N/A	Environmental tobacco smoke	Cancer, Development		Maine (NTP 11th ROC); WA Appen2		
N/A	Methoxyethyl acrylate tributyltin, copolymer	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen2		



CAS Number	Chemical Name	Health Endpoint(s)	Persistent, Bioaccumulative, Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)	Source(s)	Use Example(s) and/or Chemical Class	High Production Volume (HPV) Chemical ¹
Number	Methylhydrazine and its salts,	nealth Enupoint(s)	(VPVB)	Maine (CA Prop 65); WA Appen2	Chemical Class	Chemical
N/A	methylhydrazine, methylhydrazine sulfate	Cancer		a star speed		
N/A	Mineral oils (untreated and mildly treated)	Cancer		Maine (IARC; NTP 11th ROC); WA Appen2		
N/A	Mixture of 2,3,4,5- tetrachlorobiphenyl (PCB 61), 2,2',4,5,5'-octachlorobiphenyl (PCB 101) and 2,2',3,3',4,4',5,5'- octachlorobiphenyl (PCB 194)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen2		
N/A	Nickel refinery dust	Cancer		WA Appen2; Minnesota HRV		
N/A	PBBs = Brominated Flame retardants = PBB (mixed group of 209 Congeners)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List)		
N/A	Polybrominated biphenyls	Cancer, Development		Maine (CA Prop 65; NTP 11th ROC); WA Appen2		
N/A	salts of 2-naphthylamine	Cancer		Maine (EU Carcinogen)		
N/A	Silica, crystalline (respirable size)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen2		
N/A	Soots	Cancer		Maine (IARC; NTP 11th ROC); WA Appen2		
N/A	Soots, tars, and mineral oils (untreated and mildly treated oils and used engine oils)	Cancer		Maine (CA Prop 65); WA Appen2		
N/A	Talc containing asbestiform fibers	Cancer		Maine (CA Prop 65; IARC); WA Appen2		
N/A	triphenyltin (group)	Endocrine system			fungicide, insecticide	
N/A	Zirconium Aluminosilicate Refractory Ceramic Fibers	Cancer		ECHA Substances of Very High Concern		
	t reported national aggregate production vo 15, 2016, 2017, 2018, and 2019)	olumes of 1 million lbs or r	more in at least 4 of 6 repor	t years during U.S. EPA Chemical Data Re	porting (CDR) cycles in 2016 and	2020 (CDR report
HPV status refle	ects analysis performed with U.S. EPA's Che	emical Data Reporting data	through 2020 submission	year.		
·	artment of Health, Environmental Surveilla	nce and Assesment Sectio	n, Toxic Free Kids Program			
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