

ANNEX A

Substances concluded / proposed toxic under the Canadian Protection Environmental Act 1999 (CEPA 1999), excluding: Greenhouse Gases, and Ozone-Depleting Substances (ODSs)

Chemical Name	Chemical Abstract Service Registry Number (CAS #)	Molecular Formula / Description (if no CAS # provided)
1,3-Butadiene	106-99-0	
2-Butoxyethanol	111-76-2	
2-Methoxy-1-propanol	1589-47-5	
2-Methoxyethanol	109-86-4	
2-Methoxyethanol acetate	110-49-6	
2-Nitropropane	79-46-9	
3,3'-Dichlorobenzidine	91-94-1	
Acrylamide	79-06-1	
Acrylonitrile	107-13-1	
Asbestos	1332-21-4	
BENPAT	68953-84-4	
Benzyl chloride	100-44-7	
Bis(2-ethylhexyl) phthalate	117-81-7	
Bisphenol A	80-05-7	
BNST	68921-45-9	
Butanone oxime	96-29-7	
C.I. Pigment Red 104	12656-85-8	
C.I. Pigment Yellow 34	1344-37-2	
Catechol	120-80-9	
Chlorinated Alkanes	There is more than one CAS number that applies to this group of substances	Chlorinated hydrocarbons (n-alkanes) that can have carbon chain lengths ranging from 10 to 38 carbon atoms. Of note, previously called "Chlorinated Paraffins"
DEGME	111-77-3	
DEHA	103-23-1	
Dichloromethane	75-09-2	
Diethyl sulfate	64-67-5	
Dimethyl sulfate	77-78-1	

DTBSBP	17540-75-9	
Epichlorohydrin	106-89-8	
Ethyloxirane	106-88-7	
Formaldehyde	50-00-0	
Four New Fluorotelomer-based Substances	There is more than one CAS number that applies to this group of substances	<p>Hexane, 1,6-diisocyanato-, homopolymer, reaction products with alpha-fluoro-omega-2-hydroxyethyl-poly(difluoro- methylene), C16-20-branched alcohols and 1-octadecanol</p> <p>2-propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, gamma-omega-perfluoro-C10-16-alkyl acrylate and stearyl methacrylate</p> <p>2-propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, gamma-omega-perfluoro-C8-14-alkyl esters, tert-Bu benzenecarboperoxoate-initiated</p> <p>2-propen-1-ol reaction products with pentafluoroiodoethane tetrafluoroethylene telomer, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine</p>
Hexabromocyclododecane (HBCD)	There is more than one CAS number that applies to this group of substances	$C_{12}H_{18}Br_6$
Hexavalent chromium compounds	There is more than one CAS number that applies to this group of substances	
Hydroquinone	123-31-9	
Inorganic arsenic compounds	There is more than one CAS number that applies to this group of substances	
Inorganic chloramines	10599-90-3 3400-09-0; and 10025-85-1	

Isoprene	78-79-5	
Lead	7439-92-1	
Long-Chain (C9-C20) Perfluorocarboxylic Acids (PFCAs), their Salts and their Precursors	There is more than one CAS number that applies to this group of substances.	PFOA and Long-Chain PFCAs are fluorocarbon-based chemicals (consisting of fluorine bound to carbon atoms). The PFOA molecule contains 8 carbon atoms and the Long-Chain PFCAs contain between 9 and 20 carbon atoms. Both substances may also be found in salt form (e.g. PFOA ammonium salt)
Mercury	7439-97-6	
Methyloxirane	75-56-9	
Michler's ketone	90-94-8	
Naphthalene	91-20-3	
n-BGE	.2426-08-6	
N-Nitrosodimethylamine	62-75-9	
Nonylphenol and its ethoxylates	There is more than one CAS number that applies to this group of substances.	
Oxidic, sulphidic, and soluble inorganic nickel compounds	There is more than one CAS number that applies to this group of substances	
Perfluorooctanoic Acid (PFOA), its Salts and its Precursors	There is more than one CAS number that applies to this group of substances	PFOA and Long-Chain PFCAs are fluorocarbon-based chemicals (consisting of fluorine bound to carbon atoms). The PFOA molecule contains 8 carbon atoms and the Long-Chain PFCAs contain between 9 and 20 carbon atoms. Both substances may also be found in salt form (e.g. PFOA ammonium salt)
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)- (BDTP)	25973-55-1	
Phenol, 5-chloro-2-(2,4-dichlorophenoxy)-	3380-34-5	
Pigment Red 3	2425-85-6	

Polybrominated Diphenyl Ethers (PBDEs)	There is more than one CAS number that applies to this group of substances	Polybrominated diphenyl ethers that have the molecular formula: $C_{12}H_{(10-n)}Br_nO$ in which $4 \leq n \leq 10$
Potassium bromate	.7758-01-2	
PREPOD	68412-48-6	
Propanenitrile, 3-[[4-[(6,7-dichloro-2-benzothiazolyl)azo]phenyl]ethylamino]-	25150-28-1	
Quinoline	91-22-5	
Refractory ceramic fibres	CAS number not applicable.	
Respirable particulate matter less than or equal to 10 microns	CAS number not applicable	
Siloxane D4	556-67-2	
Sulphur dioxide	.7446-09-5	
TCEP	115-96-8	
Benzene, 1,3,-diisocyanato-2-methyl-(2,6-TDI)	91-08-7	
Benzene, 2,4,-diisocyanato-1-methyl-(2,4-TDI)	584-84-9	
Benzene, 1,3,-diisocyanatomethyl-(TDI mixed isomers)	26471-62-5	
Tetrabutyltin	1461-25-2	
TGOPE	7328-97-4	
Thiourea	62-56-6	
Tributyltins	There is more than one CAS number that applies to this group of substances	
Trichloroethylene	79-01-6	
Vinyl Chloride	75-01-4	
Volatile organic compounds that participate in atmospheric photochemical reactions	There is more than one CAS number that applies to this group of substances	

Substances concluded / proposed non-toxic on the CEPA 1999, but for which a Significant New Activity (SNAc) Notice is planned or has been published (notice of intent or order)

Chemical Name	CAS #
1,2-Benzenedicarboxylic acid, dipentyl ester	131-18-0
2-Ethoxyethanol acetate	111-15-9
3-Chloropropene	107-05-1
Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-	492-80-8
Benzenamine, 4,4'-methylenebis[N,N-dimethyl-	101-61-1
FAZ	68551-44-0

Substances under assessment or planned to be assessed under the Challenge initiative, the Non-Challenge initiative, the CMP substance grouping initiative, and the Petroleum Sector Stream Approach (PSSA)

Chemical Name	CAS #
1,2-Benzenedicarboxylic acid, 2,2-dimethyl-1-(1-methylethyl)-3-(2-methyl-1-oxopropoxy)propyl phenylmethyl ester	16883-83-3
1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromobis(2-ethylhexyl) ester	26040-51-7
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters	68515-40-2
1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	84-69-5
1,2-Benzenedicarboxylic acid, bis(methylcyclohexyl) ester	27987-25-3
1,2-Benzenedicarboxylic acid, bis(phenylmethyl) ester	523-31-9
1,2-Benzenedicarboxylic acid, butyl cyclohexyl ester	84-64-0
1,2-Benzenedicarboxylic acid, cyclohexyl 2-methylpropyl ester	.5334-09-8
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
1,2-Benzenedicarboxylic acid, dicyclohexyl ester	84-61-7
1,2-Benzenedicarboxylic acid, diisodecyl ester	26761-40-0
1,2-Benzenedicarboxylic acid, diisononyl ester	28553-12-0
1,2-Benzenedicarboxylic acid, dimethyl ester	131-11-3
1,2-Benzenedicarboxylic acid, diundecyl ester	3648-20-2
1,2-Benzenedicarboxylic acid, isooctyl phenylmethyl ester	27215-22-1
1,3,5-Triazine-2,4,6-triamine	108-78-1
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	77-47-4
1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-	13560-89-9
1-Butanol	71-36-3

1H-Isoindole-1,3(2H)-dione, 2,2'-(1,2-ethanediyl)bis[4,5,6,7-tetrabromo-	32588-76-4
1H-Naphtho[2,3-c]pyran, 3,4,6,7,8,9-hexahydro-4,6,6,9,9-pentamethyl-	1922-67-4
1-Phenanthrenemethanamine, 1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-, [1R-(1 α ,4 α β ,10 $\alpha\alpha$)]-	1446-61-3
2,4,6-Tribromophenyl allyl ether	3278-89-5
2-Benzothiazolesulfenamide, N,N-dicyclohexyl-	4979-32-2
2-Butanone	78-93-3
2-Pentanone, 4-methyl-	108-10-1
2-Propanol	67-63-0
2-Propanol, 1,3-dichloro-, phosphate (3:1)	13674-87-8
2-Propanol, 1-chloro-, phosphate (3:1)	13674-84-5
9,10-Anthracenedione, 1,4-diamino-2,3-diphenoxy-	6408-72-6
Ammonium boron oxide ((NH ₄)B ₅ O ₈)	12007-89-5
Anthra[2,1-d:6,5-d']bisthiazole-6,12-dione, 2,8-diphenyl-	129-09-9
Asphalt	8052-42-4
BAPP	13080-86-9
Benz[a]anthracene, 7,12-dimethyl-	57-97-6
Benzenamine, 2-ethyl-N-(2-ethylphenyl)-, (tripropenyl) derivs.	68608-77-5
Benzenamine, 4-(1,1,3,3-tetramethylbutyl)-N-[4-(1,1,3,3-tetramethylbutyl)phenyl]-	15721-78-5
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1
Benzenamine, 4,4'-methylenebis[2-chloro-	101-14-4
Benzenamine, 4,4'-methylenebis[N-(1-methylpropyl)-	5285-60-9
Benzenamine, 4-nonyl-N-(4-nonylphenyl)-	24925-59-5
Benzenamine, 4-octyl-N-(4-octylphenyl)-	101-67-7
Benzenamine, 4-octyl-N-phenyl-	4175-37-5
Benzenamine, ar-nonyl-N-(nonylphenyl)-	36878-20-3
Benzenamine, ar-nonyl-N-phenyl-	27177-41-9
Benzenamine, ar-octyl-N-(octylphenyl)-	26603-23-6
Benzenamine, N-phenyl-, (tripropenyl)derivs.	68608-79-7

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1
Benzenamine, N-phenyl-, reaction products with isobutylene and 2,4,4-trimethylpentene	184378-08-3
Benzenamine, N-phenyl-, styrenated	68442-68-2
Benzene, 1,1'-(1,2-ethanediy)bis[2,3,4,5,6-pentabromo-; Decabromodiphenyl ethane	84852-53-9
Benzene, ethyl-	100-41-4
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, methyl ester	6386-38-5
benzoic acid, 2,3,4,5-tetrabromo-, 2-ethylhexyl	183658-27-7
Borax (B ₄ Na ₂ O ₇ ·10H ₂ O)	1303-96-4
Boric acid	11113-50-1
Boric acid (H ₃ BO ₃)	10043-35-3
Boric acid (H ₃ BO ₃), sodium salt	13840-56-7
Boric acid (HBO ₂), lithium salt	13453-69-5
Boric acid, zinc salt	1332-07-6
Boron lithium oxide (B ₄ Li ₂ O ₇)	12007-60-2
Boron oxide (B ₂ O ₃)	1303-86-2
Boron silver oxide (B ₄ Ag ₂ O ₇)	12271-95-3
Boron sodium oxide (B ₄ Na ₂ O ₇)	1330-43-4
Boron zinc oxide (B ₆ Zn ₂ O ₁₁)	12767-90-7
Carbamic acid, (methylenedi-4,1-phenylene)bis-, diphenyl ester	101-65-5
Chlorine oxide (ClO ₂)	10049-04-4
Cobalt, borate neodecanoate complexes	68457-13-6
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α ,3 β ,4 α ,5 α ,6 β)-	58-89-9
Distillates (petroleum), acid-treated middle	64742-13-8
Distillates (petroleum), catalytic reformer fractionator residue, low-boiling	68477-31-6
Distillates (petroleum), chemically neutralized middle	64742-30-9
Distillates (petroleum), hydrotreated middle	64742-46-7
Distillates (petroleum), light distillate hydrotreating process, low-boiling	68410-97-9

Distillates (petroleum), light hydrocracked	64741-77-1
Distillates (petroleum), solvent-refined middle	64741-91-9
Ethanol, 2,2'-iminobis-	111-42-2
Ethanol, 2,2'-oxybis-	111-46-6
Ethanone, 1-[4-(1,1-dimethylethyl)-2,6-dimethyl-3,5-dinitrophenyl]-	81-14-1
Extracts (petroleum), heavy naphthenic distillate solvent	64742-11-6
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7
Extracts (petroleum), light paraffinic distillate solvent	64742-05-8
Gas oils (petroleum), hydrodesulfurized	64742-79-6
Hydrochloric acid	7647-01-0
Hydrogen sulfide (H ₂ S)	.7783-06-4
Ligroine	8032-32-4
Methanol	67-56-1
Naphtha	8030-30-6
Naphtha (petroleum), heavy alkylate	64741-65-7
Naphtha (petroleum), heavy catalytic reformed	64741-68-0
Naphtha (petroleum), heavy straight-run	64741-41-9
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1
Naphtha (petroleum), hydrotreated heavy	64742-48-9
Naphtha (petroleum), hydrotreated light	64742-49-0
Naphtha (petroleum), light alkylate	64741-66-8
Naphtha (petroleum), light catalytic reformed	64741-63-5
Naphtha (petroleum), light straight-run	64741-46-4
Naphtha (petroleum), solvent-refined light	64741-84-0
Perboric acid (HBO(O ₂)), sodium salt	.7632-04-4
Perboric acid, sodium salt	11138-47-9
Phenol, 2,2'-methylenebis[3,4,6-trichloro-	70-30-4
Phenol, 2,4-dichloro-	120-83-2
Phenol, 2,4-dinitro-	51-28-5
Phenol, 4,4'-thiobis[2-(1,1-dimethylethyl)-5-methyl-	96-69-5
Phenol, 4-chloro-3-methyl-	59-50-7
Phosphoric acid, tris(methylphenyl) ester	1330-78-5
Solvent naphtha (petroleum), light aliph.	64742-89-8

Solvent naphtha (petroleum), light arom.	64742-95-6
Stoddard solvent	8052-41-3
Sulfuric acid	7664-93-9