

※ Attachment 7. Prohibited substance list in toxic chemical regulation under Canada

1. schedule 1 – part 1

* List of toxic substance : [Toxic substances list: schedule 1 - Canada.ca](https://www3.international.gc.ca/toxic-substances-toxiques/index.aspx?lang=eng)

- The prohibition to manufacture, use, sell, offer for sale or import a toxic substance or a product containing it does not apply unless the toxic substance is incidentally presented.

No	substance	CAS No ^{Note)}
1	Dodecachloropentacyclo [5.3.0.0 ^{2,6} .0 ^{3,9} .0 ^{4,8}] decane (Mirex)	2385-85-5
2	Polybrominated Biphenyls that have the molecular formula $C_{12}H_{(10-n)}Br_n$ in which “n” is greater than 2	 PBB
3	Polychlorinated Terphenyls that have the molecular formula $C_{18}H_{(14-n)}Cl_n$ in which “n” is greater than 2	61788-33-8
4	Bis(chloromethyl) ether that has the molecular formula $C_2H_4Cl_2O$	542-88-1
5	Chloromethyl methyl ether that has the molecular formula C_2H_5ClO	107-30-2
6	(4-Chlorophenyl) cyclopropylmethanone, O-[(4-nitrophenyl)methyl] oxime that has the molecular formula $C_{17}H_{15}ClN_2O_3$	94097-88-8
7	N-Nitrosodimethylamine, which has the molecular formula $C_2H_6N_2O$	62-75-9
8	Hexachlorobutadiene, which has the molecular formula C_4Cl_6	87-68-3
9	Dichlorodiphenyltrichloroethane (DDT), which has the molecular formula $C_{14}H_9Cl_5$	50-29-3
10	Hexachlorobenzene	118-74-1
11	Polychlorinated naphthalenes, which have the molecular formula $C_{10}H_{(8-n)}Cl_n$ in which “n” is greater than 1	 PCN
12	Chlorinated alkanes that have the molecular formula $C_nH_xCl_{(2n+2-x)}$ in which $10 \leq n \leq 13$	

2. Schedule 1 - part 2

- The prohibition to manufacture, use, sell, offer for sale or import a toxic substance or a product containing it does not apply
 - ① unless the toxic substance is incidentally present
 - ② is a manufactured item that is formed into a specific physical shape or design during its manufacture and that has, for its final use, a function or functions dependent in whole or in part on its shape or design.

No	substance	CAS No ^{Note)}
1	Hexane, 1,6-diisocyanato-, homopolymer, reaction products with alpha-fluoro-omega-2-hydroxyethyl-poly(difluoromethylene), C ₁₆₋₂₀ -branched alcohols and 1-octadecanol	
2	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, gamma-omega-perfluoro-C ₁₀₋₁₆ -alkyl acrylate and stearyl methacrylate	203743-03-7
3	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5 furandione, gamma-omega-perfluoro-C ₈₋₁₄ -alkyl esters, tert-Bu benzenecarboperoxoate-initiated	459415-06-6
4	2-Propen-1-ol, reaction products with pentafluoroiodoethane tetrafluoroethylene telomer, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine	

3. Schedule 2 - part 1

- The prohibition to manufacture, use, sell, offer for sale or import a toxic substance or a product containing it does not apply if the toxic substance or a product is designed for a permitted use

No	substance	Permitted use	CAS No ^{Note)}
1	Benzidine and benzidine dihydrochloride that have the molecular formulas C ₁₂ H ₁₂ N ₂ and	(a) Staining for microscopic examination, such as immunoperoxidase staining, histochemical staining or cytochemical staining;	Benzidine : 92-87-5 Benzidine dihydrochloride : 531-85-1

	$C_{12}H_{12}N_2 \cdot 2HCl$, respectively	(b) Reagent for detecting blood in biological fluids; (c) Niacin test to detect some microorganisms; and (d) Reagent for detecting chloralhydrate in biological fluids.	
2	2-Methoxyethanol, which has the molecular formula $C_3H_8O_2$	(a) Adhesives and coatings for aircraft refinishing; and (b) Semiconductor manufacturing process	109-86-4
3	Pentachlorobenzene, which has the molecular formula C_6HCl_5	Use with chlorobiphenyls contained in equipment or liquids in the service of such equipment in which their use is permitted under the PCB Regulations	608-93-5
4	Tetrachlorobenzenes, which have the molecular formula $C_6H_2Cl_4$		 Tetrachloro
5	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-Trimethylpentene	Additive in rubber, except in tires	68921-45-9

4. Schedule 2 - part 2

- The prohibition to manufacture, use, sell, offer for sale or import a toxic substance or a product containing it does not apply if the toxic substance or a product is designed for a permitted use and that activity occurs before the expiry date.

No	substance	Permitted use	Expiry date	CAS No ^{Note)}
1	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-Trimethylpentene	Additive in lubricants	2 years after the coming into force of these Regulations (~'15.4/2)	68921-45-9

5. Schedule 2 - part 3

- The prohibition to manufacture, use, sell, offer for sale or import a toxic substance or a product containing it does not apply if a product containing the toxic substance in a concentration less than or equal to the limit including any incidental presence of the substance.

No	substance	Product Containing the Toxic Substance	Concentration Limit of the Toxic Substance	CAS No ^{Note)}
1	2-Methoxyethanol, which has the molecular formula $C_3H_8O_2$	Diethylene glycol methyl ether, which has the molecular formula $C_5H_{12}O_3$	0.5% (w/w)	109-86-4
2	Tributyltins, which contain the grouping $(C_4H_9)_3Sn$	Tetrabutyltin, which contain the formula $(C_4H_9)_4Sn$	30% (w/w)	 tributyltins

Note)

1. Hyundai-Kia investigated above CAS NOs (CAS no is not in the regulation)
2. The blanks in CAS NO mean that the substance has not CAS No or Hyundai-Kia is investigating
3. CAS NOs of above regulated substances can be added