

DEPARTMENT OF THE ENVIRONMENT

CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999

Notice with respect to bisphenol A (BPA) and BPA structural analogues and functional alternatives

Pursuant to paragraph 71(1)(b) of the *Canadian Environmental Protection Act, 1999* (hereinafter referred to as the "Act"), notice is hereby given that the Minister of the Environment requires, for the purpose of assessing whether the substances described in Schedule 1 to this notice are toxic or are capable of becoming toxic or for the purpose of assessing whether to control or the manner in which to control the listed substances, any person described in sections 2 and 3 of this notice to provide the information required in sections 5 to 11 that may be in their possession, or to which they would reasonably be expected to have access. This information is to be provided no later than March 16, 2022.

Responses to this notice shall be submitted to the Minister of the Environment using the online reporting system available through [Environment and Climate Change Canada's Single Window](#).

Pursuant to section 313 of the Act, any person who provides information in response to this notice may submit, with the information, a written request that the information or part of it be treated as confidential. Claims for confidentiality should only be made when the submitted information is confidential under Canadian law and the Act. Further details are available in Environment and Climate Change Canada and Health Canada's [Approach to disclose confidential information and promote transparency in chemicals management](#).

Pursuant to subsection 71(4) of the Act, the Minister of the Environment may, on request in writing from any person to whom this notice applies, extend the time or times within which the person shall comply with this notice. The person seeking such extension shall submit, prior to the deadline, a request to the Minister of the Environment at the following email address: Substances@ec.gc.ca.

Jacqueline Gonçalves

Director General

Science and Risk Assessment Directorate

On behalf of the Minister of the Environment

Definitions

1. The definitions in this section apply in this notice.

Food packaging material

means anything in which a food or beverage is wholly or partly contained, placed, or packed.

Good

means a mixture, a product or a manufactured item.

Manufacture

means the creation or production of a substance and includes both the intentional and incidental production of the substance.

Manufactured item

means an item that is formed into a specific physical shape or design during manufacture and has, for its final use, a function or functions dependent in whole or in part on its shape or design.

Mixture

means a combination of substances that does not produce a substance that is different from the substances that were combined, including, but not limited to, a prepared formulation, hydrate, and reaction mixture that are characterized in terms of their constituents; and homogenous and heterogeneous alloys.

Product

excludes "substance", "mixture" and "manufactured item."

Substance

under this notice means any substance listed in Parts 1 and 2 of Schedule 1 of this notice.

Persons required to provide information

2. This notice applies to any person who, during the 2019 calendar year,

- (1) manufactured a total quantity greater than 10 kg of a substance;
- (2) imported a total quantity greater than 10 kg of a substance, whether the substance was
 - (a) alone;
 - (b) at a concentration equal to or above 0.02% by weight (w/w%) in a mixture or in a product; or
 - (c) at a concentration equal to or above 0.02% by weight (w/w%) in a manufactured item that is
 - (i) intended to be used by or for children under the age of 14 years,
 - (ii) intended to come into contact with the mucosa of an individual,
 - (iii) cookware, or a cooking or serving utensil that is intended to come into direct contact with heated food or beverage,
 - (iv) food packaging material, including single-serve/disposable bowls, plates, cups, other serving-ware, as well as food cans and lid liners, that are intended to or may come into direct contact with food or beverage,
 - (v) a reusable food or beverage container,

- (vi) used as intended in a manner such that the substance may be inhaled, or come into dermal or oral contact with an individual,
 - (vii) clothing or footwear, including life jackets and personal flotation devices,
 - (viii) bedding, sleeping bag or towel,
 - (ix) furniture, mattress, cushion or pillow intended to be used by an individual, where the substance is contained in foam or leather or in a textile fibre, yarn or fabric,
 - (x) carpet, vinyl or laminate flooring, or foam underlay for flooring, intended to be used by an individual,
 - (xi) water pipes, or
 - (xii) thermal paper; or
- (3) used a total quantity greater than 10 kg of a substance, whether the substance was used alone or at a concentration equal to or above 0.02% by weight (w/w%) in a good, to produce a good.

3. This notice applies to any person or class of persons who is the successor or assign of the persons identified in section 2.

Exclusions

4. This notice does not apply to a substance, whether alone or in a good, that

- (a) is only in transit through Canada;
- (b) is, or is contained in, a hazardous waste or hazardous recyclable material within the meaning of the *Export and Import of Hazardous Waste and Hazardous Recyclable Material Regulations* and was imported pursuant to a permit issued under these Regulations;
- (c) is, or is contained in, a pest control product registered under the *Pest Control Products Act*;
- (d) is, or is contained in, a fertilizer or supplement registered under the *Fertilizers Act*;
- (e) is, or is contained in, a feed registered under the *Feeds Act*;
- (f) is mixed with, or attached to, a seed registered under the *Seeds Act*;
- (g) is contained in recycled paper received by paper recycling mills;
- (h) is bisphenol A (CAS RN [footnote1](#) 80-05-7) contained in a medical device; or
- (i) is manufactured, imported or used to produce a good by laboratories, academic institutions, research facilities or dental offices.

Information required**Substances**

PART 1		
CAS RN	Substance name	Common name
70-30-4	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	n/a
76-59-5	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-3-methyl-6-(1-methylethyl)-, S,S-dioxide	n/a
76-60-8	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide	n/a
76-61-9	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[5-methyl-2-(1-methylethyl)-, S,S-dioxide	n/a
76-62-0	1(3H)-Isobenzofuranone, 3,3-bis(3,5-dibromo-4-hydroxyphenyl)-	n/a
77-40-7	4,4'-(1-methylpropylidene)bisphenol	Bisphenol B
77-62-3	Phenol, 2,2'-methylenebis[4-methyl-6-(1-methylcyclohexyl)-	n/a

79-94-7	Phenol, 4,4'-(1-methylethylidene)bis[2,6-dibromo-	TBBPA
79-96-9	Phenol, 4,4'-(1-methylethylidene)bis[2-(1,1-dimethylethyl)-	n/a
79-97-0	Phenol, 4,4'-(1-methylethylidene)bis[2-methyl-	Bisphenol C
79-98-1	Phenol, 4,4'-(1-methylethylidene)bis[2-chloro-	n/a
80-05-7	Phenol, 4,4'-(1-methylethylidene)bis-	Bisphenol A (BPA)
80-07-9	Benzene, 1,1'-sulfonylbis[4-chloro-	n/a
80-09-1	Phenol, 4,4'-sulfonylbis-	Bisphenol S (BPS)
81-90-3	Benzoic acid, 2-[bis(4-hydroxyphenyl)methyl]-	n/a
88-24-4	Phenol, 2,2'-methylenebis[6-(1,1-dimethylethyl)-4-ethyl-	n/a
90-66-4	Phenol, 2,2'-thiobis[6-(1,1-dimethylethyl)-4-methyl-	n/a

90-68-6	Phenol, 2,6-bis[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-	n/a
96-66-2	Phenol, 4,4'-thiobis[2-(1,1-dimethylethyl)-6-methyl-	n/a
97-18-7	Phenol, 2,2'-thiobis[4,6-dichloro-	Bithionol
97-23-4	Phenol, 2,2'-methylenebis[4-chloro-	n/a
97-29-0	1,3-Benzenediol, 4,4'-thiobis-	n/a
115-39-9	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-, S,S-dioxide	n/a
115-40-2	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-6-methyl-, S,S-dioxide	n/a
115-41-3	1,2-Benzenediol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis-, S,S-dioxide	n/a
119-47-1	Phenol, 2,2'-methylenebis[6-(1,1-dimethylethyl)-4-methyl-	n/a

123-31-9	1,4-Benzenediol	Hydroquinone
125-20-2	1(3H)-Isobenzofuranone, 3,3-bis[4-hydroxy-2-methyl-5-(1-methylethyl)phenyl]-	n/a
125-31-5	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2,5-dimethyl-, S,S-dioxide	n/a
126-00-1	Benzenebutanoic acid, 4-hydroxy- γ -(4-hydroxyphenyl)- γ -methyl-	n/a
127-54-8	Phenol, 4,4'-(1-methylethylidene)bis[2-(1-methylethyl)-	Bisphenol G
143-74-8	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis-, S,S-dioxide	n/a
519-34-6	Methanone, (3,4-dihydroxyphenyl)(2,4,6-trihydroxyphenyl)-	n/a
569-58-4	Benzoic acid, 5-[(3-carboxy-4-hydroxyphenyl)(3-carboxy-4-oxo-2,5-cyclohexadien-1-ylidene)methyl]-2-hydroxy-, triammonium salt	n/a

596-27-0	1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxy-3-methylphenyl)-	n/a
596-28-1	1(3H)-Isobenzofuranone, 3,3-bis(3,4-dihydroxyphenyl)-	n/a
599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)-	4-Cumylphenol
603-45-2	2,5-Cyclohexadien-1-one, 4-[bis(4-hydroxyphenyl)methylene]-	n/a
620-92-8	Phenol, 4,4'-methylenebis-	Bisphenol F (BPF)
837-08-1	Phenol, 2-[1-(4-hydroxyphenyl)-1-methylethyl]-	n/a
843-55-0	Phenol, 4,4'-cyclohexylidenebis-	Bisphenol Z
1478-61-1	Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-	Bisphenol AF

1571-75-1	Phenol, 4,4'-(1-phenylethylidene)bis-	Bisphenol AP
1611-35-4	Glycine, N,N'-[3H-2,1-benzoxathiol-3-ylidenebis[(6-hydroxy-5-methyl-3,1-phenylene)methylene]]bis[N-(carboxymethyl)-, S,S-dioxide	n/a
1620-68-4	Phenol, 2,6-bis[(2-hydroxy-5-methylphenyl)methyl]-4-methyl-	n/a
1675-54-3	Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-	BADGE
1733-12-6	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-methyl-, S,S-dioxide	n/a
1745-89-7	Phenol, 4,4'-(1-methylethylidene)bis[2-(2-propenyl)-	n/a
1752-24-5	Phenol, 4,4'-iminobis-	n/a
1774-34-1	Phenol, 4,4'-sulfinylbis-	n/a

1820-99-1	Benzoic acid, 3,3'-thiobis[6-hydroxy-	n/a
1844-01-5	Phenol, 4,4'-(diphenylmethylene)bis-	Bisphenol BP
1940-20-1	Phenol, 3,4,4',5',6,6'-hexachloro-2,2'-methylenedi-	n/a
1943-96-0	Phenol, 4,4'-bicyclo[2.2.1]hept-2-ylidenebis-	n/a
1943-97-1	Phenol, 4,4'-(octahydro-4,7-methano-5H-inden-5-ylidene)bis-	n/a
1965-09-9	Phenol, 4,4'-oxybis-	n/a
2081-08-5	Phenol, 4,4'-ethylidenebis-	Bisphenol E
2167-51-3	Phenol, 4,4'-1,4-phenylenebis(1-methylethylidene)bis-	Bisphenol P

2300-15-4	Phenol, 2,4-bis[1-(4-hydroxyphenyl)-1-methylethyl]-	n/a
2303-01-7	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[3-methyl-, S,S-dioxide	n/a
2411-89-4	Glycine, N,N'-[(3-oxo-1(3H)-isobenzofuranylidene)bis[(6-hydroxy-5-methyl-3,1-phenylene)methylene]]bis[N-(carboxymethyl)-	n/a
2467-02-9	Phenol, 2,2'-methylenebis-	Bisphenol F-ortho
2467-03-0	Phenol, 2-[(4-hydroxyphenyl)methyl]-	2,4'-Bisphenol F
2588-24-1	Benzoic acid, 3,3'-(3H-2,1-benzoxathiol-3-ylidene)bis[6-hydroxy-5-methyl-, S,S-dioxide	n/a
2664-63-3	Phenol, 4,4'-thiobis-	4,4'-Thiodiphenol
2971-36-0	Phenol, 4,4'-(2,2,2-trichloroethylidene)bis-	n/a

3188-83-8	Benzenemethanol, 5-[1-methyl-1-[4-(oxiranylmethoxy)phenyl]ethyl]-2-(oxiranylmethoxy)-	n/a
3236-63-3	Phenol, 2,2'-methylenebis[4-methyl-	n/a
3236-71-3	Phenol, 4,4'-(9H-fluoren-9-ylidene)bis-	BHPF
3294-03-9	Phenol, 2,2'-thiobis[4-(1,1,3,3-tetramethylbutyl)-	n/a
3818-54-0	Phenol, 4,4'-thiobis[3-(1,1-dimethylethyl)-5-methyl-	n/a
3957-22-0	1,3-Benzenedimethanol, 5,5'-(1-methylethylidene)bis[2-hydroxy-	n/a
4066-02-8	Phenol, 2,2'-methylenebis[6-cyclohexyl-4-methyl-	n/a
4430-20-0	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-chloro-, S,S-dioxide	n/a

4430-25-5	Phenol, 4,4'-(4,5,6,7-tetrabromo-3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-, S,S-dioxide	n/a
4431-00-9	Benzoic acid, 5-[(3-carboxy-4-hydroxyphenyl)(3-carboxy-4-oxo-2,5-cyclohexadien-1-ylidene)methyl]-2-hydroxy-	n/a
5129-00-0	Benzeneacetic acid, 4-hydroxy- α -(4-hydroxyphenyl)-, methyl ester	MBHA
5329-21-5	Phenol, 4,4'-(1-methylethylidene)bis[2-nitro-	n/a
5397-34-2	Phenol, 2-[(4-hydroxyphenyl)sulfonyl]-	2,4'-BPS
5613-46-7	Phenol, 4,4'-(1-methylethylidene)bis[2,6-dimethyl-	n/a
5945-33-5	Phosphoric acid, P,P'-[(1-methylethylidene)di-4,1-phenylene] P,P,P',P'-tetraphenyl ester	Fyrolflex BDP
6274-83-5	Phenol, 2,2'-methylenebis[5-(diethylamino)-	n/a

6386-73-8	Phenol, 2,6-dibromo-4-[1-(3-bromo-4-hydroxyphenyl)-1-methylethyl]-	n/a
6807-17-6	Phenol, 4,4'-(1,3-dimethylbutylidene)bis-	n/a
7292-14-0	Phenol, 2,2'-(3,5,5-trimethylhexylidene)bis[4,6-dimethyl-	n/a
7328-97-4	Oxirane, 2,2',2'',2''''-[1,2-ethanediylidenetetrakis(4,1-phenyleneoxymethylene)]tetrakis-	n/a
7727-33-5	Phenol, 4,4',4'',4''''-(1,2-ethanediylidene)tetrakis-	n/a
7786-17-6	Phenol, 2,2'-methylenebis[4-methyl-6-nonyl-	n/a
10143-03-0	Benzoic acid, 3,3'-[[4-(dimethylamino)phenyl]methylene]bis[6-hydroxy-5-methyl-	n/a
10187-52-7	Phenol, 2,2'-methylenebis[4-chloro-, monosodium salt	n/a

10496-54-5	1(3H)-Isobenzofuranone, 3-[4-hydroxy-2-methyl-5-(1-methylethyl)phenyl]-3-[2-methyl-5-(1-methylethyl)-4-(phosphonooxy)phenyl]-, magnesium salt (1:1)	n/a
13027-28-6	1(3H)-Isobenzofuranone, 4,5,6,7-tetrabromo-3,3-bis(4-hydroxyphenyl)-	n/a
13288-70-5	Phenol, 4,4'-sulfonylbis[2,6-dimethyl-	n/a
13595-25-0	Phenol, 4,4'-[1,3-phenylenebis(1-methylethylidene)]bis-	Bisphenol M
13676-82-9	Phenol, 4,4'-(1-methylethylidene)bis[2,6-bis(1,1-dimethylethyl)-	n/a
13693-59-9	Phenol, 2,2'-thiobis-	n/a
14200-84-1	Phenol, 3-(3-phenoxyphenoxy)-	n/a
14362-12-0	Phenol, 2,2'-methylenebis[4,6-bis(1,1-dimethylethyl)-	n/a

14868-03-2	Phenol, 4,4'-(dichloroethenylidene)bis-	Bisphenol C
15038-67-2	Phenol, 2,2'-sulfonylbis-	n/a
15452-89-8	Phenol, 2,2'-sulfonylbis[4-(1,1,3,3-tetramethylbutyl)-	n/a
16669-42-4	Phenol, 4,4'-isopropylidenebis[2,3,5,6-tetrachloro-	n/a
17016-43-2	1(3H)-Isobenzofuranone, 3-[4-hydroxy-2-methyl-5-(1-methylethyl)phenyl]-3-[2-methyl-5-(1-methylethyl)-4-(phosphonoxy)phenyl]-	n/a
17755-37-2	Phenol, 2-[(4-hydroxyphenyl)thio]-	n/a
20227-53-6	Phosphorous acid, 2-(1,1-dimethylethyl)-4-[1-[3-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-methylethyl]phenyl bis(4-nonylphenyl) ester	n/a
24038-68-4	1,1'-Biphenyl-2-ol, 5,5''-(1-methylethylidene)bis-	Bisphenol PH

25639-41-2	Phenol, methylidynetris-	n/a
27151-54-8	Phenol, 4-[(4-methoxyphenyl)amino]-	n/a
27496-82-8	Benzoic acid, methylenebis[2-hydroxy-	n/a
27725-17-3	Phenol, 2,2'-methylenebis[4-(1,1,3,3-tetramethylbutyl)-	n/a
27955-94-8	Phenol, 4,4',4''-ethylidynetris-	n/a
28341-66-4	1,3-Benzenediol, 4,4'-thiobis[2-methyl-	n/a
28341-67-5	1,3-Benzenediol, 4,4'-sulfinylbis[2-methyl-	n/a
28341-68-6	Resorcinol, 4,4'-thiobis[6-chloro-	n/a

28749-63-5	1(3H)-Isobenzofuranone, 3-[4-hydroxy-2-methyl-5-(1-methylethyl)phenyl]-3-[2-methyl-5-(1-methylethyl)-4-(phosphonoxy)phenyl]-, sodium salt	n/a
29036-21-3	Phenol, (1-propanyl-3-ylidene)tris-	n/a
31265-39-1	1,3-Benzenediol, 4,4'-[(5-chloro-2-hydroxy-1,3-phenylene)bis(methylene)]bis-	n/a
31851-03-3	Phenol, 2,6-bis[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]octahydro-4,7-methano-1H-indenyl]-4-methyl-	n/a
32509-66-3	Benzenepropanoic acid, 3-(1,1-dimethylethyl)- β -[3-(1,1-dimethylethyl)-4-hydroxyphenyl]-4-hydroxy- β -methyl-, 1,2-ethanediyl ester	n/a
33145-10-7	Phenol, 2,2'-(2-methylpropylidene)bis[4,6-dimethyl-	n/a
34487-61-1	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis-, S,S-dioxide, monosodium salt	n/a
36339-47-6	Phenol, 2-(1,1-dimethylethyl)-4-[[5-(1,1-dimethylethyl)-4-hydroxy-2-methylphenyl]thio]-5-methyl-, 1,1',1"-phosphite	n/a

39635-79-5	Phenol, 4,4'-sulfonylbis[2,6-dibromo-	n/a
39817-09-9	Oxirane, 2,2'-[methylenebis(phenyleneoxymethylene)]bis-	n/a
40232-93-7	Benzeneacetic acid, 4-hydroxy- α -(4-hydroxyphenyl)-	n/a
40703-84-2	Phenol, 2,2',2''-[1,3,5-triazine-2,4,6-triyltris[oxy[3-(1,1-dimethylethyl)-5-methyl-2,1-phenylene]methylene]]tris[6-(1,1-dimethylethyl)-4-methyl-	n/a
41481-66-7	Phenol, 4,4'-sulfonylbis[2-(2-propenyl)-	TGSA
41699-00-7	Phenol, 2,2'-(octahydro-4,7-methano-1H-indenediyl)bis[6-(1,1-dimethylethyl)-4-methyl-	n/a
47465-97-4	2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxy-3-methylphenyl)-	n/a
47758-37-2	Oxirane, 2,2'-[9H-fluoren-9-ylidenebis(4,1-phenyleneoxymethylene)]bis-	n/a

50378-93-3	Phenol, 2,2'-methylenebis[4,6-bis(1,1-dimethylpropyl)-	n/a
57564-54-2	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dinitro-, S,S-dioxide	n/a
57569-40-1	1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methylphenyl] ester	n/a
57964-01-9	[1,1'-Biphenyl]-4-ol, 3,3"-thiobis[4',5-bis(1,1-dimethylethyl)-	n/a
59189-82-1	Phosphorous acid, didodecyl 4-[1-(4-hydroxyphenyl)-1-methylethyl]phenyl ester	n/a
60247-61-2	Pentanamide, N-[2-chloro-5-[(hexadecylsulfonyl)amino]phenyl]-2-[4-[(4-hydroxyphenyl)sulfonyl]phenoxy]-4,4-dimethyl-3-oxo-	n/a
60381-07-9	Phosphorous acid, dodecyl bis[4-[1-(4-hydroxyphenyl)-1-methylethyl]phenyl] ester	n/a
61167-58-6	2-Propenoic acid, 2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methylphenyl ester	n/a

61167-60-0	2-Propenoic acid, 2-methyl-, 2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methylphenyl ester	n/a
61931-71-3	Benzoic acid, 2-[bis(3,5-dibromo-4-hydroxyphenyl)methyl]-, ethyl ester	n/a
62609-87-4	Benzenesulfonic acid, 3,3'-(3-oxo-1(3H)-isobenzofuranylidene)bis[6-hydroxy-, trisodium salt	n/a
62625-21-2	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[5-methyl-2-(1-methylethyl)-, S,S-dioxide, monosodium salt	n/a
62625-29-0	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-methyl-, S,S-dioxide, monosodium salt	n/a
62625-31-4	Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis[3-methyl-, S,S-dioxide, monosodium salt	n/a
63134-33-8	Phenol, 4-[[4-(phenylmethoxy)phenyl]sulfonyl]-	BPS-MPE
63450-78-2	Benzoic acid, 2-[bis(4-hydroxyphenyl)methyl]-, ethyl ester	n/a

63468-95-1	Phenol, 2,2'-methylenebis[5-(dimethylamino)-	n/a
63665-75-8	Phenol, 4,4'-(1,2-benzisothiazol-3(2H)-ylidene)bis[2-methyl-, S,S-dioxide	n/a
64022-67-9	Phenol, 4-[1-methyl-1-[4-[(9-phenoxy-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undec-3-yl)oxy]phenyl]ethyl]-	n/a
64131-28-8	Phenol, 2,6-bis[(2-hydroxy-3,5-dinonylphenyl)methyl]-4-nonyl-	n/a
66072-38-6	Oxirane, 2,2',2''-[methylidynetris(phenyleneoxymethylene)]tris-	n/a
66214-40-2	2-Naphthalenesulfonic acid, 7-[[2-hydroxy-5-[(4-hydroxyphenyl)sulfonyl]phenyl]methyl]-	n/a
66327-55-7	2-Naphthalenesulfonic acid, 7-[[2-hydroxy-5-[(4-hydroxyphenyl)sulfonyl]phenyl]methyl](1-methylpropyl)-, monoammonium salt	n/a
67786-03-2	Oxirane, 2,2'-[[[2-(oxiranylmethoxy)phenyl]methylene]bis(4,1-phenyleneoxymethylene)]bis-	n/a

67828-35-7	Phenol, 2,6-dibromo-4-[3-(3,5-dibromo-4-butoxyphenyl)-3H-2,1-benzoxathiol-3-yl]-, S,S-dioxide	n/a
67828-51-7	1,3-Benzenediol, 4,4'-(5-hydroxypentylidene)bis-	n/a
67923-95-9	Phenol, methylenebis[dinonyl-	n/a
68134-20-3	2,7-Naphthalenedisulfonic acid, 4-amino-6-[(2-chloro-4-nitrophenyl)azo]-5-hydroxy-3-[[2-hydroxy-4-[[3-hydroxy-4-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]phenyl]amino]phenyl]azo]-	n/a
68310-82-7	2-Naphthalenesulfonic acid, 3-[[5-hydroxy-2-[(4-hydroxyphenyl)sulfonyl]phenyl]methyl]-	n/a
68716-15-4	Methanone, [methylenebis(6-hydroxy-4-methoxy-3,1-phenylene)]bis[phenyl-	n/a
68815-67-8	Phenol, thiobis[tetrapropylene-	n/a
68959-14-8	2-Naphthalenesulfonic acid, 3-[[5-hydroxy-2-[(4-hydroxyphenyl)sulfonyl]phenyl]methyl]-, monosodium salt	n/a

69119-80-8	Methanone, [methylenebis(2-hydroxy-4-methoxy-3,1-phenylene)]bis[phenyl-	n/a
70367-99-6	1,2-Benzisothiazole-2(3H)-carboxylic acid, 3,3-bis(4-hydroxy-3,5-dimethoxyphenyl)-, 2-(methylsulfonyl)ethyl ester, 1,1-dioxide	n/a
71077-33-3	Benzeneacetic acid, 4-hydroxy- α -(4-hydroxyphenyl)-, butyl ester	n/a
71113-22-9	Phenol, 2,2'-methylenebis[4-(1-methyl-1-phenylethyl)-	n/a
71113-23-0	Phenol, 2,2'-methylenebis[4,6-bis(1-methyl-1-phenylethyl)-	n/a
71463-72-4	Phenol, 4-[(4-hydroxy-2-methylphenyl)thio]-3-methyl-, 1,1',1"-phosphate	n/a
72139-00-5	2-Naphthalenesulfonic acid, 3-[(2-chloro-4-nitrophenyl)azo]-4-hydroxy-7-[[2-hydroxy-4-[[3-hydroxy-4-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]phenyl]amino]phenyl]azo]-	n/a
72361-37-6	1,2-Benzenediol, thiobis[4-(1,1-dimethylethyl)-	n/a

72672-54-9	Phenol, 2,2'-methylenebis[6-(1,1-dimethylethyl)-4-(1-methylpropyl)-	n/a
72672-55-0	Phenol, 2,2'-ethylidenebis[6-(1,1-dimethylethyl)-4-(1-methylpropyl)-	n/a
83558-87-6	Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[2-amino-	n/a
93589-69-6	Phenol, 4,4'-methylenebis(oxy-2,1-ethanediylothio)bis-	DD-70
95235-30-6	Phenol, 4-[[4-(1-methylethoxy)phenyl]sulfonyl]-	D-8
97042-18-7	bis(4-Hydroxyphenyl) sulfone monoallyl ether	BPS-MAE
103597-45-1	Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-	n/a
111850-25-0	Phenol, 4,4',4''-(1-methyl-1-propanyl-3-ylidene)tris[2-cyclohexyl-5-methyl-	n/a

129188-99-4	Phenol, 4,4'-(3,3,5-trimethylcyclohexylidene)bis-	Bisphenol TMC
151882-81-4	Benzenesulfonamide, N,N'-[methylenebis(4,1-phenyleneiminocarbonyl)]bis[4-methyl-	BTUM
232938-43-1	Benzenesulfonamide, 4-methyl-N-[[[3-[[[4-methylphenyl)sulfonyl]oxy]phenyl]amino]carbonyl]-	Pergafast 201

PART 2

CAS RN	Name of the substance	Common name
39382-25-7	2-Butenedioic acid (E)-, polymer with α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]	Bisphenol A propylene oxide fumarate polymer
68510-93-0	1-Naphthalenesulfonic acid, 6-diazo-5,6-dihydro-5-oxo-, ester with phenyl(2,3,4-trihydroxyphenyl)methanone	n/a
85186-33-0	Iron, [μ -[[3,3'-methylenebis[(4,6-dihydroxy-3,1-phenylene)azo]bis[2(or 4)-hydroxy-5-nitrobenzenesulfonato]](6-)]di-, sodium hydrogen	n/a
113693-69-9	Phenol, 4,4'-methylenebis[2,6-dimethyl-, polymer with 2-(chloromethyl)oxirane	Tetramethyl bisphenol F epoxy resin

181028-79-5	Phosphoric trichloride, reaction products with bisphenol A and phenol	n/a
191680-83-8	Phenol, 4,4'-sulfonylbis-, polymer with 1,1'-oxybis(2-chloroethane)	D-90
321860-75-7	Phenol, reaction products with 4,4'-sulfonylbis[benzenamine] and 2,4-TDI	UU (urea-urethane compound)

SCHEDULE 2

Substance function codes

Substance function codes	Title	Description
U001	Abrasives	Substances used to wear down or polish surfaces by rubbing against the surface.
U002	Adhesives and sealant substances	Substances used to promote bonding between other substances, promote adhesion of surfaces, or prevent seepage of moisture or air.
U003	Adsorbents and absorbents	Substances used to retain other substances by accumulation on their surface or by assimilation.

U004	Agricultural substances (non-pesticidal)	Substances used to increase the productivity and quality of farm crops.
U005	Anti-adhesive agents	Substances used to prevent bonding between other substances by discouraging surface attachment.
U006	Bleaching agents	Substances used to lighten or whiten a substrate through chemical reaction, usually an oxidative process which degrades the colour system.
U007	Corrosion inhibitors and anti-scaling agents	Substances used to prevent or retard corrosion or the formation of scale.
U008	Dyes	Substances used to impart colour to other materials or mixtures by penetrating into the surface of the substrate.
U009	Fillers	Substances used to provide bulk, increase strength, increase hardness, or improve resistance to impact.
U010	Finishing agents	Substances used to impart such functions as softening, static-proofing, wrinkle resistance, and water repellence.
U011	Flame retardants	Substances used on the surface of or incorporated into combustible materials to reduce or eliminate their tendency to ignite when exposed to heat or a flame.

U012	Fuels and fuel additives	Substances used to create mechanical or thermal energy through chemical reactions, or which are added to a fuel for the purpose of controlling the rate of reaction or limiting the production of undesirable combustion products, or which provide other benefits such as corrosion inhibition, lubrication, or detergency.
U013	Functional fluids (closed systems)	Liquid or gaseous substances used for one or more operational properties in a closed system. This code does not include fluids used as lubricants.
U014	Functional fluids (open systems)	Liquid or gaseous substances used for one or more operational properties in an open system.
U015	Intermediates	Substances consumed in a reaction to produce other substances for commercial advantage.
U016	Ion exchange agents	Substances that are used to selectively remove targeted ions from a solution. This code also includes aluminosilicate zeolites.
U017	Lubricants and lubricant additives	Substances used to reduce friction, heat, or wear between moving parts or adjacent solid surfaces, or that enhance the lubricity of other substances.
U018	Odour agents	Substances used to control odours, remove odours, mask odours, or impart odours.

U019	Oxidizing and reducing agents	Substances used to alter the valence state of another substance by donating or accepting electrons or by the addition or removal of hydrogen to a substance.
U020	Photosensitive substances	Substances used for their ability to alter their physical or chemical structure through absorption of light, resulting in the emission of light, dissociation, discoloration, or other chemical reaction.
U021	Pigments	Substances used to impart colour to other materials or mixtures by attaching themselves to the surface of the substrate through binding or adhesion.
U022	Plasticizers	Substances used in plastics, cement, concrete, wallboard, clay bodies, or other materials to increase their plasticity or fluidity.
U023	Plating agents and surface treating agents	Substances applied to metal, plastic, or other surfaces to alter physical or chemical properties of the surface.
U024	Process regulators	Substances used to change the rate of a reaction, start or stop the reaction, or otherwise influence the course of the reaction.
U025	Processing aids, specific to petroleum production	Substances added to water, oil, or synthetic drilling muds or other petroleum production fluids to control foaming, corrosion, alkalinity and pH, microbiological growth or hydrate formation, or to improve the operation of processing equipment during the production of oil, gas, and other products or mixtures from beneath the earth's surface.

U026	Processing aids, not otherwise covered in this table	Substances used in applications other than the production of oil, gas, or geothermal energy to control foaming, corrosion or alkalinity and pH, or to improve the operation of processing equipment.
U027	Propellants and blowing agents	Substances used to dissolve or suspend other substances and either to expel those substances from a container in the form of an aerosol or to impart a cellular structure to plastics, rubber, or thermoset resins.
U028	Solids separation agents	Substances used to promote the separation of suspended solids from a liquid.
U029	Solvents (for cleaning or degreasing)	Substances used to dissolve oils, greases and similar materials from textiles, glassware, metal surfaces, and other articles.
U030	Solvents (which become part of formulation or mixture)	Substances used to dissolve another substance to form a uniformly dispersed solution at the molecular level.
U031	Surface active agents	Substances used to modify surface tension when dissolved in water or water solutions, or reduce interfacial tension between two liquids or between a liquid and a solid or between liquid and air.
U032	Viscosity adjustors	Substances used to alter the viscosity of another substance.

U033	Laboratory substances	Substances used in a laboratory for chemical analysis, chemical synthesis, extracting and purifying other chemicals, dissolving other substances, and similar activities.
U034	Paint additives and coating additives not otherwise covered in this table	Substances used in a paint or coating formulation to enhance properties such as water repellence, increased gloss, improved fade resistance, ease of application or foam prevention.
U061	Pest control substances	Substances used as active ingredients in products, mixtures or manufactured items used for directly or indirectly controlling, destroying, attracting or repelling a pest or for mitigating or preventing its injurious, noxious or troublesome effects.
U062	Active ingredients in health products and drugs	Substances used as active ingredients in natural health products or prescription or non-prescription drugs.
U063	Flavourants	Substances used as non-medicinal ingredients or excipients in foods, natural health products, and drugs that impart a certain flavor to the food, natural health product or drug.
U064	Contaminants	Substances naturally present in a reactant or substances that are produced as a result of the manufacturing process and have no beneficial properties in the final product, mixture or manufactured item.
U065	By-products	Substances resulting from the manufacturing process, which can be partially or completely removed from the intended product, mixture or manufactured item and have commercial

		value on their own or when added to another product, mixture or manufactured item.
U066	Wastes	Substances that are removed from the final product, mixture or manufactured item during the manufacturing process and have no commercial value.
U067	Function of substance in imported manufactured item unknown	Substance function in imported manufactured item is unknown. To be used only for imported manufactured items.
U999	Other (specify)	Substances with a function not otherwise described in this table. A written description must be provided when using this code.

SCHEDULE 3

Application codes

PART 1

Substances used for furnishings, cleaning, treatment or care

Application codes	Title	Description
C101	Floor coverings	Substances contained in floor coverings. This code does not include wood and pressed wood flooring products included in

		Building/Construction Materials — Wood and Engineered Wood code.
C102	Foam seating and bedding	Substances contained in foam mattresses, pillows, cushions, and any seating, furniture and furnishings containing foam.
C103	Furniture and furnishings not otherwise covered in this table	Substances contained in furniture and furnishings made from metal, wood, leather, plastic or other materials. This code does not include foam seating and bedding products.
C104	Fabric, textile and leather articles not otherwise covered in this table	Substances contained in fabric, textile and leather products to impart colour and other desirable properties such as water, soil, stain repellence, wrinkle resistance, or flame resistance.
C105	Cleaning and furnishing care	Substances contained in products, mixtures or manufactured items that are used to remove dirt, grease, stains, and foreign matter from furniture and furnishings, or to cleanse, sanitize, bleach, scour, polish, protect, or improve the appearance of surfaces.
C106	Laundry and dishwashing	Substances contained in laundry and dishwashing products, mixtures or manufactured items.
C107	Water treatment	Substances contained in water treatment products, mixtures or manufactured items that are designed to disinfect, reduce contaminants or other undesirable constituents, and condition or improve aesthetics of water. Excludes any substance contained in pest control products as defined under the <i>Pest Control Products Act</i> .

C108	Personal care and cosmetics	Substances contained in personal care products, mixtures or manufactured items that are used for cleansing, grooming, improving or altering skin, hair, or teeth.
C109	Air care	Substances contained in products, mixtures or manufactured items that are used to odorize or deodorize indoor air in homes, offices, motor vehicles, and other enclosed spaces.
C110	Apparel and footwear care	Substances contained in apparel and footwear care products, mixtures or manufactured items that are applied post-market.
C160	Pet care	Substances contained in pet care products, mixtures or manufactured items that are used for cleansing, grooming, improving or altering skin, hair or teeth and intended for animal use.

PART 2

Substances used for construction, paint, electrical or metal

Application codes	Title	Description
C201	Adhesives and sealants	Substances contained in adhesive or sealant products or mixtures used to fasten other materials together or prevent the passage of liquid or gas.

C202.01	Paints and coatings (excluding thermal paper coating)	Substances contained in paints or coatings, excluding thermal paper coating.
C202.02	Paint thinners and removers	Substances contained in paint thinners and removers.
C203	Building or construction materials — Wood and engineered wood	Substances contained in building and construction materials made of wood and pressed or engineered wood products, mixtures or manufactured items.
C204	Building or construction materials not otherwise covered in this table	Substances contained in building and construction materials not otherwise covered in this table.
C205	Electrical and electronics	Substances contained in electrical and electronic products, mixtures or manufactured items.
C206	Metal materials not otherwise covered in this table	Substances contained in metal products, mixtures or manufactured items not otherwise covered in this table.
C207	Batteries	Substances contained in non-rechargeable and rechargeable batteries including dry and wet cell units that store energy.

PART 3

Substances contained in packaging, paper, plastic or hobby materials

Application codes	Title	Description
C301.01	Food packaging material, single-serve, single-use or disposable	Substances contained in single-serve, single-use or disposable or multi-layered packaging or containers consisting of paper, plastic, metal, foil or other materials, which is intended to or may come in direct contact with food or beverage. Includes but is not limited to, single-serve/disposable bowls, plates, cups, other serving-ware, as well as food cans and lid liners.
C301.02	Reusable food and beverage container	Substances contained in reusable single- or multi-layered packaging or containers consisting of plastic, metal, rubber or other materials such as fabrics or textiles, which is intended to or may come in direct contact with food.
C302.01	Packaging (excluding food packaging), including paper articles	Substances contained in packaging products, mixtures or manufactured items, including paper packaging and excluding food packaging.
C302.02	Thermal paper	Substances contained in thermal paper and thermal paper coating such as point of sale receipts (e.g. cash registers, wireless payment terminals, ATMs, banks), labels (e.g. prescriptions, industrial barcodes, packaged items such as supermarket foods (e.g. deli meats, cheese, bulk items), retail shelf labels), tickets (e.g. airline, train, cinema, parking, theater, gaming, sporting events, amusement parks, arenas, museums, lottery) and laboratory printouts (e.g. ultrasound, electrocardiogram (EKG), printouts from other laboratory/medical recorders).

C302.03	Other paper articles	Substances contained in paper products, mixtures or manufactured items not otherwise covered in this table.
C303.01	Plastic materials not otherwise covered in this table	Substances contained in plastic products, mixtures or manufactured items not otherwise covered in this table.
C303.02	Rubber materials not otherwise covered in this table	Substances contained in rubber products, mixtures or manufactured items not otherwise covered in this table.
C304	Toys, playground and sporting equipment	Substances contained in toys, playground, and sporting equipment made of wood, metal, plastic or fabric.
C305	Arts, crafts and hobby materials	Substances contained in arts, crafts, and hobby materials.
C306	Ink, toner and colourants	Substances contained in ink, toners and colourants used for writing, printing, creating an image on paper; and substances contained in other substrates, or applied to substrates to change their colour or hide images.
C307	Photographic supplies, film and photo-chemicals	Substances contained in photographic supplies, film, photo-processing substances, and photographic paper.

PART 4

Substances used for automotive, fuel, agriculture or outdoor use

Application codes	Title	Description
C401	Automotive care	Substances contained in products, mixtures or manufactured items used in automotive cleaning and care of exterior and interior vehicle surfaces. This code does not include antifreeze, de-icing products, or lubricants.
C402	Lubricants and greases	Substances contained in products, mixtures or manufactured items to reduce friction, heat generation and wear between solid surfaces.
C403	Anti-freeze and de-icing	Substances added to fluids to reduce the freezing point of the mixture, or substances applied to surfaces to melt or prevent build-up of ice.
C404	Fuels and related products, mixtures or manufactured items	Substances burned to produce heat, light or power, or added to inhibit corrosion, provide lubrication, increase efficiency of use, or decrease production of undesirable by-products.
C405	Explosive materials	Substances capable of producing a sudden expansion, usually accompanied by the production of heat and large changes in pressure upon ignition.
C406	Agricultural products, mixtures or	Substances used to increase the productivity and quality of plants, animals or forestry crops produced on a commercial scale. Includes animal feed (any substance or mixture of

	manufactured items (non-pesticidal)	substances for consumption by livestock, for providing the nutritional requirements of livestock, or for the purpose of preventing or correcting nutritional disorders of livestock, as defined in the <i>Feeds Act</i> and its regulations).
C407	Lawn and garden care	Substances contained in lawn, garden, outdoor or potted plant and tree care products, mixtures or manufactured items. Excludes any substance contained in pest control products as defined under the <i>Pest Control Products Act</i> .
C461	Pest control	Substances contained in any product, mixture or manufactured item for directly or indirectly controlling, preventing, destroying, mitigating, attracting, or repelling any pest.
C462	Automotive, aircraft and transportation	Substances contained in automobiles, aircraft and other types of transportation, or used in their manufacture.
C463	Oil and natural gas extraction	Substances that are, or are contained, in any mixtures, products or manufactured items, used for oil and natural gas drilling, extraction or processing.

PART 5

Substances contained in items for food, health or tobacco

Application codes	Title	Description
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C562	Food and beverage	Substances contained in food and beverage products, mixtures or manufactured items.
C563	Drugs	Substances contained in prescription and non-prescription drugs intended for humans or animals.
C564	Natural health	Substances contained in natural health products, mixtures or manufactured items intended for humans or animals.
C565	Medical devices	Substances contained in products, mixtures or manufactured items used for either the diagnosis, treatment, mitigation or prevention of a disease, disorder, or an abnormal physical state; or those used in restoring, correcting or modifying organic functions in humans or animals.
C566	Tobacco products, mixtures or manufactured items	Substances contained in products, mixtures or manufactured items composed in whole or in part of tobacco, including tobacco leaves and any extract of tobacco leaves.

PART 6

Substances contained in products, mixtures or manufactured items not described by other codes

Application codes	Title	Description
C999	Other	Substances contained in products, mixtures or manufactured items that are not described within any other application code.

EXPLANATORY NOTE

(This note is not part of the notice.)

This notice applies to 188 substances, including bisphenol A (BPA) and BPA structural analogues or functional alternatives that were identified for further consideration in a problem formulation process in the context of prioritization. The scope of the notice will allow the Government of Canada to capture critical information on commercial status, industrial processes (e.g. facility releases), and downstream use of BPA and BPA structural analogues and functional alternatives in Canada to inform further prioritization decisions or other risk assessment activities by Environment and Climate Change Canada and Health Canada as well as risk management, if needed.

Pursuant to subsection 71(3) of the *Canadian Environmental Protection Act, 1999* (hereinafter referred to as the "Act"), every person to whom this notice applies shall comply with this notice within the time specified in the notice. Responses to this notice shall be submitted to the Minister of the Environment, no later than March 16, 2022, using the online reporting system available through the [Environment and Climate Change Canada \(ECCC\) Single Window](#). Inquiries concerning the notice may be directed to the Substances Management Information Line at 1-800-567-1999 (toll-free in Canada), 819-938-3232 (outside of Canada) or Substances@ec.gc.ca.

Pursuant to subsection 71(4) of the Act, the Minister of the Environment may, on request in writing from any person to whom this notice applies, extend the time or times within which the person shall comply with this notice. The person seeking such extension shall submit, prior to the deadline, a request to the Minister of the Environment at the following email address: Substances@ec.gc.ca. The request should include the legal name of the party requiring an extension, the CAS RN of the substances for which the person will provide information, as well as the reason for the extension request.

Any person not subject to this notice, who has an interest in a substance set out in Schedule 1 to this notice, or who has involvement that does not meet the reporting criteria for this notice, may identify themselves by completing a Declaration of Stakeholder Interest. Additional information that is deemed beneficial can also be submitted through this declaration. Persons who do not meet the requirements of the notice and have no interest in the substances covered by this notice may submit a Declaration of Non-Engagement.

Compliance with the Act is mandatory, and specific offences are established by subsection 272.1(1) of the Act. Subsections 272.1(2), (3) and (4) of the Act set the penalties for persons who contravene section 71 of the Act. Offences include the offence of failing to comply with an obligation arising from the present notice and the offence of providing false or misleading information. Penalties include fines, and the amount of the fine can range from a maximum of \$25,000 for an individual convicted following summary proceedings to a maximum of \$500,000 for a large corporation convicted on indictment. The maximum fines are doubled for second or subsequent offences.

The current text of the Act, including the most recent amendments, is available on the [Department of Justice website](#).

The Act is enforced in accordance with the [Compliance and Enforcement Policy for the Canadian Environmental Protection Act, 1999](#). Suspected violations under the Act can be reported to the Enforcement Branch by email at enviroinfo@ec.gc.ca.