Environment Canada Environnement Canada

Guidance for responding to the *Notice with respect to certain aromatic azo- and benzidine-based substances* (the notice)

Published in the *Canada Gazette* Part I on December 17, 2011

This document provides guidance for responding to the notice published in the *Canada Gazette*, Part I, on December 17, 2011 pursuant to paragraph 71(1)*(b)* of the *Canadian Environmental Protection Act, 1999* [the Act]. The document is available for guidance only, and in case of discrepancy between this document and the notice or the Act, the official versions of the notice and the Act take precedence.

On June 5, 2010, the Minister of the Environment and the Minister of Health (the Ministers) published in the *Canada Gazette*, Part I, the *Notice of intent to assess and manage the risks to the health of Canadians and their environment posed by aromatic azo substances which may break down to certain aromatic amines, substances which may break down to certain benzidines, and the corresponding aromatic amines or benzidines.* The notice of intent was published to outline how Health Canada and Environment Canada will address a Group of substances. It applies to those substances identified for further action during the Categorization exercise and which are considered to be aromatic azo substances, which may break down to certain aromatic amines, substances, which may break down to certain benzidines, and the corresponding aromatic amines or benzidines.

The first step in this approach is to collect basic data on the substances listed in Schedule 1 of the notice, in order to update the information available on quantities, uses, properties and commercial status. The information collected from this notice will inform both the human health and ecological risk assessment and possible risk management for this Group-based evaluation.

In addition, the Ministers invite the submission of additional information by interested stakeholders. In particular, stakeholders are encouraged to provide data relating to physical-chemical, toxicity or any other properties of a substance, as well as data relating to the extent and nature of the management and stewardship of these substances. Stakeholders may also submit additional information with respect to these substances, using the Stakeholder Interest form available on the Government of Canada's Chemical Substances web site.

The December 17, 2011 notice and all documents related to the collection of information are available through the Government of Canada's Chemical Substances web site at www.chemicalsubstanceschimiques.gc.ca/.

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ANNEX 1

1. What is the purpose of the notice?

The information collected from this notice may be used for assessing whether a substance is toxic or capable of becoming toxic, or for the purpose of assessing whether to control, or the manner in which to control, a substance.

The purpose of this notice is to gather information on approximately 225 substances in order to inform risk assessment and possible risk management activities. The type of information being collected includes:

- whether the substances covered under the notice were manufactured in or imported into Canada;
- the relative quantities of these substances manufactured or imported;
- the industrial sectors involved in the manufacture and/or import of the substances;
- the intended use of the substances (commercial activities, consumer activities, by or for children);
- the supplier(s) of the substance(s);
- the purchaser(s) of the substance(s);
- substance composition information;
- available unpublished data on physical-chemical properties, toxicity, metabolism, degradation, absorption, leachability or data related to the release of the substance from final mixture, manufactured item or product.

The second major goal is to identify persons, including companies, having recent activity with respect to any of these substances to allow for follow-up and, where necessary, to gather more detailed information.

2. Where can I get a copy of the notice?

The notice was published in Part I of the *Canada Gazette*, pursuant to paragraph 71(1)(*b*) of the Act. Links to view the notice published in the *Canada Gazette* can be found on the Government of Canada's Chemical Substances web site at: www.chemicalsubstanceschimiques.gc.ca/.

3. What substances are included?

This notice includes a list of approximately 225 substances.

Where these substances are found in manufactured items intended for use by or for children, products, or mixtures, such as colourants, the information reported should be based on the substance itself, rather than the colourant, pigment or dye, other manufactured item intended for use by or for children, mixture, or product it may be found in.

3.1- Substances covered by the notice

SCHEDULE 1 to the notice

List of Substances

An indicative list of generic trade names that could contain the reportable substances is provided in **annex 1** of this document.

Part 1 Substances

CAS RN[1]	Name of the Substance
60-09-3	Benzenamine, 4-(phenylazo)-
85-83-6	2-Naphthalenol, 1-[[2-methyl-4-[(2-methylphenyl)azo]phenyl]azo]-
88-53-9	Benzenesulfonic acid, 2-amino-5-chloro-4-methyl-
91-59-8	2-Naphthalenamine
91-92-9	2-Naphthalenecarboxamide, *N*,*N*'-(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[3-hydroxy-
91-97-4	1,1'-Biphenyl, 4,4'-diisocyanato-3,3'-dimethyl-
100-01-6	Benzenamine, 4-nitro-
101-75-7	Benzenamine, *N*-phenyl-4-(phenylazo)-
106-47-8	Benzenamine, 4-chloro-
119-90-4	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
298-83-9	2*H*-Tetrazolium, 3,3'-(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[2-(4-nitrophenyl)-5-phenyl-, dichloride
366-29-0	[1,1'-Biphenyl]-4,4'-diamine, *N*,*N*,*N*',*N*'-tetramethyl-
540-23-8	Benzenamine, 4-methyl-, hydrochloride
541-69-5	1,3-Benzenediamine, dihydrochloride
587-98-4	Benzenesulfonic acid, 3-[[4-(phenylamino)phenyl]azo]-, monosodium salt
615-05-4	1,3-Benzenediamine, 4-methoxy-
633-96-5	Benzenesulfonic acid, 4-[(2-hydroxy-1-naphthalenyl)azo]-, monosodium salt
915-67-3	2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfo-1-naphthalenyl)azo]-, trisodium salt
992-59-6	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-, disodium salt
1934-21-0	1*H*-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-4-[(4-sulfophenyl)azo]-, trisodium salt
2150-54-1	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4,5-dihydroxy-, tetrasodium salt
2429-71-2	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-hydroxy-, disodium salt

[1] CAS RN: Chemical Abstracts Service Registry Number. The Chemical Abstracts Service information is the property of the American Chemical Society and any use or redistribution, except as required in supporting regulatory requirements and/or for reports to the Government of Canada when the information and the reports are required by law or administrative policy, is not permitted without the prior, written permission of the American Chemical Society.

2512-29-0	Butanamide, 2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-*N*-phenyl-
2611-82-7	1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[(4-sulfo-1-naphthalenyl)azo]-, trisodium salt
2786-76-7	2-Naphthalenecarboxamide, 4-[[4-(aminocarbonyl)phenyl]azo]-*N*-(2-ethoxyphenyl)-3-hydroxy-
2829-42-7	Benzoic acid, 3,3'-[carbonylbis(imino-4,1-phenyleneazo)]bis[6-hydroxy-, disodium salt
2869-83-2	Phenazinium, 3-(diethylamino)-7-[[4-(dimethylamino)phenyl]azo]-5-phenyl-, chloride
2870-32-8	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[(4-ethoxyphenyl)azo]-, disodium salt
3071-73-6	1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(5-sulfo-1-naphthalenyl)azo]-1-naphthalenyl]azo]-, disodium salt
3214-47-9	1,5-Naphthalenedisulfonic acid, 3,3'-[carbonylbis[imino(2-methyl-4,1-phenylene)azo]]bis-, tetrasodium salt
3351-05-1	1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]-, disodium salt
3618-72-2	Acetamide, *N*-[5-[bis[2-(acetyloxy)ethyl]amino]-2-[(2-bromo-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-
3626-36-6	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-(phenylazo)-, disodium salt
3687-80-7	1-Naphthalenesulfonic acid, 4-[[1-hydroxy-6-[[[[5-hydroxy-6-[(2-methoxyphenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-sulfo-2-naphthalenyl]azo]-, trisodium salt
4399-55-7	1,5-Naphthalenedisulfonic acid, 3-[[4-[[4-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-6-sulfo-1-naphthalenyl]azo]-1-naphthalenyl]azo]-, tetrasodium salt
4608-12-2	Phenazinium, 3-(dimethylamino)-7-[[4-(dimethylamino)phenyl]azo]-5-phenyl-, chloride
4618-88-6	Phenazinium, 3-amino-7-[[4-(dimethylamino)phenyl]azo]-5-phenyl-, chloride
5001-72-9	2-Naphthalenesulfonic acid, 7,7'-iminobis[4-hydroxy-3-(phenylazo)-, disodium salt
5290-62-0	1-Naphthalenol, 4-[(4-nitrophenyl)azo]-
5489-77-0	2-Naphthalenesulfonic acid, 3-[[4-[(2,4-dimethyl-6-sulfophenyl)azo]-2-methoxy-5-methylphenyl]azo]-4-hydroxy-7-(phenylamino)-, disodium salt
6262-07-3	2-Naphthalenesulfonic acid, 6-hydroxy-5-[[4-[[4-(phenylamino)-3-sulfophenyl]azo]-1-naphthalenyl]azo]-, disodium salt
6406-87-7	2-Naphthalenesulfonic acid, 5-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-8-[[4-(phenylazo)-7-sulfo-1-naphthalenyl]azo]-, trisodium salt
6420-22-0	2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4'-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, trisodium salt
6420-33-3	1,5-Naphthalenedisulfonic acid, 3,3'-[carbonylbis[imino(5-methoxy-2-methyl-4,1-phenylene)azo]]bis-, tetrasodium salt
6420-41-3	2-Naphthalenesulfonic acid, 4-hydroxy-7-[[[[5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-[(6-sulfo-2-naphthalenyl)azo]-, trisodium salt
6420-43-5	2-Naphthalenesulfonic acid, 4-hydroxy-7-[[[[5-hydroxy-6-[(2-methylphenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-[(2-methyl-4-sulfophenyl)azo]-, trisodium salt
6449-35-0	1-Naphthalenesulfonic acid, 3-[[4'-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium salt
6459-94-5	1,3-Naphthalenedisulfonic acid, 8-[[3,3'-dimethyl-4'-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt
6470-20-8	[1,1'-Biphenyl]-2,2'-disulfonic acid, 4-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1*H*-pyrazol-4-yl)azo]-4'-[(2-hydroxy-1-naphthalenyl)azo]-, disodium salt

6471-09-6	Benzoic acid, 5-[[4-[[4-[[4-[(4-amino-9,10-dihydro-9,10-dioxo-3-sulfo-1-anthracenyl)amino]-2-sulfophenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]azo]-2-hydroxy-, trisodium salt
6476-10-4	2-Naphthalenesulfonic acid, 8-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-5-[[4-(phenylazo)-6-sulfo-1-naphthalenyl]azo]-, trisodium salt
6486-23-3	Butanamide, 2-[(4-chloro-2-nitrophenyl)azo]-*N*-(2-chlorophenyl)-3-oxo-
6507-77-3	1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4-[1-[4-[(4-hydroxyphenyl)azo]phenyl]cyclohexyl]phenyl]azo]-, disodium salt
6548-29-4	2,7-Naphthalenedisulfonic acid, 4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-amino-, tetrasodium salt
6548-30-7	1,3-Naphthalenedisulfonic acid, 8-[[3,3'-dimethoxy-4'-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt
6655-95-4	Acetic acid, 2,2'-[[4,4'-bis[[1-hydroxy-6-[(4-methoxyphenyl)amino]-3-sulfo-2-naphthalenyl]azo][1,1'-biphenyl]-3,3'-diyl]bis(oxy)]bis-, tetrasodium salt
6657-00-7	Phenol, 4-[[2-methoxy-5-methyl-4-(phenylazo)phenyl]azo]-
6708-61-8	1-Triazene, 1-(4-nitro-1-naphthalenyl)-3-[4-(phenylazo)phenyl]-
10114-47-3	7-Benzothiazolesulfonic acid, 2,2'-(azodi-4,1-phenylene)bis[6-methyl-, disodium salt
10114-58-6	1,3-Benzenediamine, 4,4'-[1,3-phenylenebis(azo)]bis-, dihydrochloride
10134-33-5	2-Naphthalenesulfonic acid, 8-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-5-[[4-(phenylazo)-7-sulfo-1-naphthalenyl]azo]-, trisodium salt
10169-02-5	[1,1'-Biphenyl]-2,2'-disulfonic acid, 4,4'-bis[(2-hydroxy-1-naphthalenyl)azo]-, disodium salt
10189-42-1	Pyridinium, 1-[2-[[4-[[2,6-dichloro-4-[(dimethylamino)sulfonyl]phenyl]azo]phenyl]ethylamino]ethyl]-, chloride
10482-42-5	2-Naphthalenesulfonic acid, 5-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-8-[[4-(phenylazo)-6-sulfo-1-naphthalenyl]azo]-, trisodium salt
12217-64-0	1,3-Naphthalenedisulfonic acid, 7,7'-[carbonylbis[imino(5-methoxy-2-methyl-4,1-phenylene)azo]]bis-, tetrasodium salt
12236-62-3	Butanamide, 2-[(4-chloro-2-nitrophenyl)azo]-*N*-(2,3-dihydro-2-oxo-1*H*-benzimidazol-5-yl)-3-oxo-
12238-31-2	manganese, 4-[(4-chloro-5-methyl-2-sulfophenyl)azo]-3-hydroxy-2-naphthalenecarboxylic acid complex
13515-40-7	Butanamide, 2-[(4-chloro-2-nitrophenyl)azo]-*N*-(2-methoxyphenyl)-3-oxo-
13824-00-5	2-Naphthalenecarboxamide, 3-hydroxy-*N*-(4-methoxyphenyl)-4-[(4-methylphenyl)azo]-
14408-20-9	Pyridinium, 1-[2-[[4-[(2,6-dichloro-4-nitrophenyl)azo]phenyl]ethylamino]ethyl]-, chloride
15792-43-5	2,7-Naphthalenedisulfonic acid, 5-(acetylamino)-3-[(4-dodecylphenyl)azo]-4-hydroxy-, disodium salt
16071-86-6	Cuprate(2-), [5-[[4'-[[2,6-dihydroxy-3-[(2-hydroxy-5-sulfophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxybenzoato(4-)]-, disodium
16403-84-2	2-Naphthalenecarboxamide, 4-[[5-(aminocarbonyl)-2-methylphenyl]azo]-3-hydroxy-*N*-phenyl-
17095-24-8	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3,6-bis[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, tetrasodium salt
17947-32-9	2-Naphthalenecarboxamide, 3-hydroxy-*N*-(4-methoxyphenyl)-4-(phenylazo)-
21519-06-2	3*H*-Pyrazol-3-one, 2,4-dihydro-2-(3-hydroxyphenyl)-5-methyl-4-[[4-(phenylazo)phenyl]azo]-
23408-72-2	Benzothiazolium, 2-[[4-(dimethylamino)phenyl]azo]-3-ethyl-6-methoxy-, trichlorozincate(1-)

25317-22-0	1-Naphthalenesulfonic acid, 3-[[4-(benzoylethylamino)-2-methylphenyl]azo]-4-hydroxy-
26021-20-5	Acetamide, *N*-[2-[(2-bromo-4,6-dinitrophenyl)azo]-5-[(2-cyanoethyl)(2-hydroxyethyl)amino]-4-methoxyphenyl]-
27184-69-6	Phenol, 4,4'-[1,4-phenylenebis(azo)]bis[3-methyl-
28706-21-0	1,3-Naphthalenedisulfonic acid, 7,7'-[iminobis[carbonyl(2-methyl-4,1-phenylene)azo]]bis-, tetrasodium salt
29508-48-3	1*H*-Pyrazolium, 1,5-dimethyl-3-[(2-methyl-1*H*-indol-3-yl)azo]-2-phenyl-, methyl sulfate
29706-48-7	Benzenesulfonic acid, 3-[[[4-(2-benzothiazolylazo)-3-methylphenyl]ethylamino]methyl]-
32829-81-5	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-sulfophenyl)azo]phenyl]azo]-, tetrasodium salt
35342-16-6	7-Benzothiazolesulfonic acid, 2-[4-[(hexahydro-2,4,6-trioxo-5-pyrimidinyl)azo]phenyl]-6-methyl-, monolithium salt
36968-27-1	2-Naphthalenecarboxamide, 4-[[4-(aminocarbonyl)phenyl]azo]-3-hydroxy-*N*-(2-methoxyphenyl)-
36986-04-6	Pyridinium, 1-[2-[[4-[(2-chloro-4-nitrophenyl)azo]phenyl]ethylamino]ethyl]-, chloride
38801-08-0	Benzoic acid, 4,4'-[carbonylbis[imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis-, compd. with 2,2',2''-nitrilotris[ethanol] (1:4)
42357-98-2	1*H*-Benz[de]isoquinoline-1,3(2*H*)-dione, 6-hydroxy-5-[(2-methoxy-4-nitrophenyl)azo]-2-methyl-
42358-36-1	1*H*-Benz[de]isoquinoline-1,3(2*H*)-dione, 2-ethyl-6-hydroxy-5-[(2-methoxy-4-nitrophenyl)azo]-
49744-28-7	2-Naphthalenol, 1-[(4-methoxy-2-nitrophenyl)azo]-
51249-07-1	3-Pyridinecarbonitrile, 1-(2-ethylhexyl)-1,2-dihydro-6-hydroxy-4-methyl-5-[(2-nitrophenyl)azo]-2-oxo-
51988-24-0	Benzenesulfonic acid, 3-[[4-[(4-hydroxy-3-methylphenyl)azo]-3-methoxyphenyl]azo]-, monolithium salt
52236-73-4	Benzenesulfonic acid, 4-[(5-amino-3-methyl-1-phenyl-1*H*-pyrazol-4-yl)azo]-2,5-dichloro-, monolithium salt
53523-90-3	Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-hydroxy-5-methyl-, tetralithium salt
53950-33-7	Acetamide, *N*-[2-[(2-bromo-4,6-dinitrophenyl)azo]-5-[(2-cyanoethyl)amino]-4-methoxyphenyl]-
55290-62-5	Benzenesulfonamide, 4-[(1-butyl-5-cyano-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridinyl)azo]-*N*-(2-ethylhexyl)-
58104-55-5	2-Naphthalenesulfonamide, 6-hydroxy-*N*-(2-hydroxyethyl)-*N*-methyl-5-[[4-(phenylazo)phenyl]azo]-
59641-46-2	2-Naphthalenesulfonic acid, 7-[[4-chloro-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(4-methoxy-2-sulfophenyl)azo]-
62133-79-3	2-Naphthalenesulfonic acid, 5-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl]azo]-8-(phenylazo)-, disodium salt
62133-80-6	2-Naphthalenesulfonic acid, 8-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl]azo]-5-(phenylazo)-, disodium salt
65122-05-6	Diazene, [(1,3-dihydro-1,1,3-trimethyl-2*H*-inden-2-ylidene)methyl](2-methoxyphenyl)-
66693-26-3	Propanamide, *N*-[5-[bis[2-(2-cyanoethoxy)ethyl]amino]-2-[(2-chloro-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-
67892-55-1	1-Naphthalenesulfonic acid, 5-[[4-[(2-chlorophenyl)azo]-6(or 7)-sulfo-1-naphthalenyl]azo]-8-(phenylamino)-, disodium salt
67905-67-3	Propanenitrile, 3-[butyl[4-[(6-nitro-2-benzothiazolyl)azo]phenyl]amino]-
67923-89-1	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4'-[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-, trilithium salt

68155-63-5	2,7-Naphthalenedisulfonic acid, 5-[[2,4-dihydroxy-5-[(4-nitrophenyl)azo]phenyl]azo]-4-hydroxy-3-[(2-hydroxy-3,5-dinitrophenyl)azo]-, disodium salt
68214-63-1	3-Pyridinecarbonitrile, 5-[(3,4-dichlorophenyl)azo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-(phenylamino)-
68318-35-4	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-dihydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-[(4-sulfophenyl)azo]-, trisodium salt
68555-86-2	Benzenesulfonic acid, 4-[[5-methoxy-4-[(4-methoxyphenyl)azo]-2-methylphenyl]azo]-, sodium salt
68929-07-7	Benzothiazolium, 2-[[4-[ethyl(2-hydroxyethyl)amino]phenyl]azo]-5-methoxy-3-methyl-, methyl sulfate (salt)
68992-01-8	3-Pyridinecarbonitrile, 1-(2-ethylhexyl)-1,2-dihydro-6-hydroxy-5-[(4-methoxy-2-nitrophenyl)azo]-4-methyl-2-oxo-
69472-19-1	Propanenitrile, 3-[butyl[4-[(4-nitrophenyl)azo]phenyl]amino]-
70210-05-8	2,7-Naphthalenedisulfonic acid, 3-[[2,4-bis(2-methylphenoxy)phenyl]azo]-4-hydroxy-5-[[(4-methylphenyl)sulfonyl]amino]-, disodium salt
70210-06-9	Benzenesulfonic acid, 3-[[ethyl[4-[[4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]phenyl]amino]methyl]-, disodium salt
70210-25-2	2,7-Naphthalenedisulfonic acid, 5-[[2,4-dihydroxy-5-[(2-hydroxy-3,5-dinitrophenyl)azo]phenyl]azo]-4-hydroxy-3-[(4-nitrophenyl)azo]-, disodium salt
70210-28-5	Benzoic acid, 5-[[4'-[[6-amino-5-(1*H*-benzotriazol-5-ylazo)-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-2-hydroxy-4-methyl-, disodium salt
70210-34-3	2,7-Naphthalenedisulfonic acid, 5-[[2,4-dihydroxy-5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]phenyl]azo]-4-hydroxy-3-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, tetrasodium salt
71033-21-1	Benzothiazolesulfonic acid, 2,2'-(azodi-4,1-phenylene)bis[6-methyl-, disodium salt
71215-83-3	Benzoic acid, 5-[[4'-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-2,2'-dichloro[1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
71550-22-6	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetralithium salt
71767-19-6	2-Naphthalenesulfonic acid, 5-[[6-amino-1-hydroxy-3-sulfo-5-[(3-sulfophenyl)azo]-2-naphthalenyl]azo]-6-methoxy-8-[[7-sulfo-4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]-, pentasodium salt
71873-49-9	Benzoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)-*ONN*-azoxy-4,1-phenyleneazo]]bis-, tetrasodium salt
71873-51-3	Benzenesulfonic acid, 2,5-dichloro-4-[4-[[5-[[(dodecyloxy)carbonyl]amino]-2-sulfophenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1*H*-pyrazol-1-yl]-, disodium salt
72139-21-0	Benzoic acid, 3,3'-[(1,4-dioxo-2-butene-1,4-diyl)bis(imino-4,1-phenyleneazo)]bis[6-hydroxy-, disodium salt
72152-50-2	Benzoic acid, 2-[[6-[[4-[[6-(benzoylamino)-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-3-methylbenzoyl]amino]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-, trisodium salt
72245-49-9	Benzoic acid, 4-[[1-hydroxy-6-[[[[5-hydroxy-6-[(2-methyl-4-sulfophenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-sulfo-2-naphthalenyl]azo]-, sodium salt
72245-56-8	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4-[[[4-[(2,4-diaminophenyl)azo]phenyl]amino]carbonyl]phenyl]azo]-5-hydroxy-6-(phenylazo)-, sodium salt
72252-59-6	[1,1'-Biphenyl]-3,3'-dicarboxylic acid, 4-[[5-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-4'-[[1-[[(3-carboxy-4-hydroxyphenyl)amino]carbonyl]-2-oxopropyl]azo]-, tetrasodium salt
72361-40-1	Pyridinium, 1-[2-[[4-[(2-bromo-4,6-dinitrophenyl)azo]-3-methylphenyl]ethylamino]ethyl]-, chloride

72496-92-5	Naphthalenesulfonic acid, 5-[[2,4-dihydroxy-5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]phenyl]azo]-8-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, trisodium salt
72749-87-2	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methylphenyl)azo]-, disodium salt
72749-88-3	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methoxyphenyl)azo]-, disodium salt
72828-67-2	1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4-[1-[4-[(4-hydroxyphenyl)azo]phenyl]cyclohexyl]phenyl]azo]-, potassium sodium salt
72828-83-2	2,7-Naphthalenedisulfonic acid, 5-(benzoylamino)-3-[[2-(2-cyclohexylphenoxy)phenyl]azo]-4-hydroxy-, disodium salt
72869-93-3	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(6-sulfo-2-naphthalenyl)azo]-, compd. with 2,2'-(methylimino)bis[ethanol] (1:4)
72968-80-0	2-Naphthalenesulfonic acid, 5-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo]-8-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, disodium salt
72968-81-1	2-Naphthalenesulfonic acid, 8-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo]-5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, disodium salt
72986-60-8	2-Naphthalenesulfonic acid, 5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-8-[[4-[(phenylsulfonyl)oxy]phenyl]azo]-, disodium salt
72986-61-9	2-Naphthalenesulfonic acid, 8-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-5-[[4-[(phenylsulfonyl)oxy]phenyl]azo]-, disodium salt
74744-63-1	1*H*-1,2,4-Triazolium, 3,3'(or 5,5')-[1,2-ethanediylbis[(ethylimino)-4,1-phenyleneazo]]bis[1,4-dimethyl-, (*T*-4)-tetrachlorozincate(2-) (1:1)
75150-14-0	1,4-Benzenedisulfonic acid, 2-[[4-[[4-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-1-naphthalenyl]azo]-6-sulfo-1-naphthalenyl]azo]-, ammonium sodium salt
75199-20-1	1,3'-Bipyridinium, 1',2'-dihydro-6'-hydroxy-3,4'-dimethyl-2'-oxo-5'-[[4-(phenylazo)phenyl]azo]-, chloride
75659-72-2	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, monolithium trisodium salt
75659-73-3	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, dilithium disodium salt
75673-18-6	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4'-[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-, monolithium disodium salt
75673-19-7	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4'-[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-, dilithium monosodium salt
75673-34-6	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-hydroxy-, dilithium salt
75673-35-7	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-hydroxy-, monolithium monosodium salt
75752-17-9	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, trilithium monosodium salt
75768-93-3	2-Naphthalenesulfonic acid, 7-(benzoylamino)-4-hydroxy-3-[[4-[(4-sulfophenyl)azo]phenyl]azo]-, compd. with 2,2',2''-nitrilotris[ethanol] (1:2)
75949-73-4	Benzenesulfonic acid, 4,4'-[methylenebis[4,1-phenyleneazo(4,5-dihydro-3-methyl-5-oxo-1*H*-pyrazole-4,1-diyl)]]bis[3-methyl-, disodium salt
79234-36-9	2,7-Naphthalenedisulfonic acid, 5-(benzoylamino)-3-[[2-(4-cyclohexylphenoxy)phenyl]azo]-4-hydroxy-, disodium salt

83006-48-8	Benzenesulfonic acid, 4-[4-[[3-[(ethylphenylamino)sulfonyl]-4-methylphenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1*H*-pyrazol-1-yl]-
83006-74-0	1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(5-sulfo-1-naphthalenyl)azo]-1-naphthalenyl]azo]-, ammonium sodium salt
83006-77-3	1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]-, ammonium sodium salt
83221-38-9	Benzenesulfonamide, 4-[[4-[[4-(2-hydroxybutoxy)-3-methylphenyl]azo]phenyl]amino]-3-nitro-*N*-(phenylsulfonyl)-, monolithium salt
83221-53-8	Benzoic acid, 5-[[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-1-naphthalenyl]azo]-2-hydroxy-, sodium salt
83221-54-9	Benzoic acid, 3-[[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-1-naphthalenyl]azo]-2-hydroxy-, sodium salt
83221-56-1	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-(phenylazo)-, sodium salt
83221-60-7	1,6-Naphthalenedisulfonic acid, 4-[[4-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-1-naphthalenyl]azo]-, ammonium sodium salt
83221-63-0	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo]-2,2'-disulfo[1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, sodium salt
83221-68-5	2-Naphthalenesulfonic acid, 6-[(2,4-diaminophenyl)azo]-3-[[4-[[4-[[7-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfophenyl]azo]-4-hydroxy-, trilithium salt
83221-69-6	2-Naphthalenesulfonic acid, 6-[(2,4-diaminophenyl)azo]-3-[[4-[[4-[[7-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfophenyl]azo]-4-hydroxy-, lithium sodium salt
83221-72-1	2,7-Naphthalenedisulfonic acid, 4-amino-3,6-bis[[4-[(2,4-diaminophenyl)azo]phenyl]azo]-5-hydroxy-, lithium sodium salt
83221-73-2	Benzoic acid, 4,4'-[carbonylbis[imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis-, sodium salt
83221-74-3	Benzoic acid, 4-[[1-hydroxy-6-[[[[5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-sulfo-2-naphthalenyl]azo]-, sodium salt
83232-28-4	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[3-[[4-(acetylamino)phenyl]azo]-4-hydroxy-, sodium salt
83232-29-5	2-Naphthalenesulfonic acid, 3-[[4-(acetylamino)phenyl]azo]-4-hydroxy-7-[[[[5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-, sodium salt
83232-30-8	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methylphenyl)azo]-, sodium salt
83232-31-9	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methyl-4-sulfophenyl)azo]-, sodium salt
83232-32-0	2-Naphthalenesulfonic acid, 4-hydroxy-7-[[[[5-hydroxy-6-[(2-methylphenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-[(2-methyl-4-sulfophenyl)azo]-, sodium salt
83249-60-9	1-Naphthalenesulfonic acid, 2-[(2-hydroxy-6-sulfo-1-naphthalenyl)azo]-, calcium salt (1:1)
83399-85-3	1,4-Benzenedisulfonic acid, 2-[[4-[[4-[[(2,3-dichloro-6-quinoxalinyl)carbonyl]amino]-5-sulfo-1-naphthalenyl]azo]-7-sulfo-1-naphthalenyl]azo]-, lithium sodium salt
83400-10-6	1,5-Naphthalenedisulfonic acid, 2-[[8-[[(2,3-dichloro-6-quinoxalinyl)carbonyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-, lithium sodium salt
83400-11-7	1,7-Naphthalenedisulfonic acid, 4-(benzoylamino)-6-[[5-[[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]methyl]-1-sulfo-2-naphthalenyl]azo]-5-hydroxy-, lithium sodium salt
83400-12-8	2,7-Naphthalenedisulfonic acid, 5-(benzoylamino)-3-[[5-[[(5-chloro-2,6-difluoro-4-

	pyrimidinyl)amino]methyl]-1-sulfo-2-naphthalenyl]azo]-4-hydroxy-, lithium sodium salt
83783-94-2	2,7-Naphthalenedisulfonic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[5-amino-4-hydroxy-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83783-95-3	2-Naphthalenesulfonic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83783-96-4	2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4-[2-[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-2-sulfophenyl]ethenyl]-3-sulfophenyl]azo]-4-hydroxy-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83783-99-7	Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-hydroxy-5-methyl-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83969-13-5	1,3,4-Thiadiazolium, 5-[bis(1-methylethyl)amino]-2-[[4-(dimethylamino)phenyl]azo]-3-methyl-, sulfate (2:1)
84559-92-2	2,7-Naphthalenedisulfonic acid, 3,3'-[azoxybis[(2-methoxy-4,1-phenylene)azo]]bis[4,5-dihydroxy-, tetralithium salt
84878-16-0	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[4-[[4-[(2,4-dihydroxyphenyl)azo]phenyl]thio]phenyl]azo]-5-hydroxy-3-[(4-nitrophenyl)azo]-, sodium salt
84878-17-1	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[4-[[[4-[(2,4-dihydroxyphenyl)azo]phenyl]amino]sulfonyl]phenyl]azo]-5-hydroxy-3-[(4-nitrophenyl)azo]-, potassium salt
84962-50-5	Benzenesulfonic acid, 2,5-dichloro-4-[[2-(dibutylamino)-4-methyl-6-[[2-(4-sulfophenyl)ethyl]amino]-5-pyrimidinyl]azo]-, sodium salt
85030-31-5	2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[[4-[[4-[(2-hydroxy-6-sulfo-1-naphthalenyl)azo]-2-methylphenyl]methyl]-3-methylphenyl]azo]-, sodium salt
85114-37-0	1*H*-1,2,4-Triazolium, 1,4-dimethyl-3(or 5)-[[4-[methyl(phenylmethyl)amino]phenyl]azo]-, (*T*-4)-tetrachlorozincate(2-) (2:1)
85136-25-0	2,7-Naphthalenedisulfonic acid, 3,3'-[azoxybis[(2-methoxy-4,1-phenylene)azo]]bis[4,5-dihydroxy-, lithium sodium salt
85169-18-2	Glycine, *N*-[4-[[2-[4-[[1-amino-8-hydroxy-7-(phenylazo)-3,6-disulfo-2-naphthalenyl]azo]phenyl]-1*H*-benzimidazol-5-yl]azo]-3-hydroxyphenyl]-, compd. with 2,2'-iminobis[ethanol] (1:3)
85223-35-4	Benzoic acid, 3,3'-methylenebis[6-[[2,4-dihydroxy-5-[(4-sulfophenyl)azo]phenyl]azo]-, sodium salt
85269-31-4	Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-hydroxy-5-methyl-, potassium salt, compd. with 2,2',2''-nitrilotris[ethanol]
85480-88-2	Benzothiazolium, 3-(3-amino-3-oxopropyl)-2-[(1-ethyl-2-phenyl-1*H*-indol-3-yl)azo]-, (T-4)-tetrachlorozincate(2-) (2:1)
85586-78-3	1,5-Naphthalenedisulfonic acid, 3-[[4-[[4-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-7-sulfo-1-naphthalenyl]azo]-7-sulfo-1-naphthalenyl]azo]-, potassium sodium salt
89923-60-4	Benzenesulfonic acid, 3,3'-[(2,2'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis[azo(4,5-dihydro-3-methyl-5-oxo-1*H*-pyrazole-4,1-diyl)]]bis[4-chloro-, disodium salt
93803-37-3	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[[4-[5-[(4-hydroxyphenyl)azo]-1*H*-benzimidazol-2-yl]phenyl]azo]-6-(phenylazo)-, disodium salt
93940-21-7	1-Triazene-1-carbonitrile, 3,3'-(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis-
94276-35-4	Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, hydroxy[2-hydroxy-5-nitro-3-[[2-oxo-1-[(phenylamino)carbonyl]propyl]azo]benzenesulfonato(3-)]chromate(1-)
102082-94-0	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[4-[[[4-[(2,4-diaminophenyl)azo]phenyl]amino]sulfonyl]phenyl]azo]-5-hydroxy-3-[(4-nitrophenyl)azo]-, lithium salt

102616-51-3	Benzoic acid, 3,3'-methylenebis[6-[[2,4-dihydroxy-5-[(4-sulfonylphenyl)azo]phenyl]azo]-, sodium salt
106028-58-4	2,7-Naphthalenedisulfonic acid, 6-amino-4-hydroxy-3-[[7-sulfo-4-[(4-sulfophenyl)azo]-1-naphtalenyl]azo]-, tetralithium salt
108624-00-6	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-sulfophenyl]azo]-5-hydroxy-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, lithium sodium salt
110152-63-1	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[(4-hydroxyphenyl)azo]-, lithium sodium salt
125329-01-3	Propanoic acid, 2-hydroxy-, compd. with 7-[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[[4-(phenylazo)phenyl]azo]-2-naphthalenesulfonic acid (1:1)

Part 2 Substances

CAS RN[1]	Name of the Substance
1325-37-7	benzenesulfonic acid, 2-methyl-5-nitro-, alkaline condition products; Direct Yellow 11
1325-54-8	benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-nitro-, disodium salt, reaction products with 4-[(4-aminophenyl)azo] benzenesulfonic acid, sodium salts; Direct Orange 39
65150-80-3	benzenesulfonic acid, 2-methyl-5-nitro-, alkaline condition products, lithium salts
72391-06-1	Spiro[isobenzofuran-1(3*H*),9'(8'a*H*)-xanthylium], 3',6'-bis(diethylamino)-3-oxo-, chloride, compd. with [4-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1*H*-pyrazol-4-yl)azo]-3-hydroxy-1-naphthalenesulfonato(3-)]chromium (1:1)
73507-36-5	2-Naphthalenesulfonic acid, 7-(benzoylamino)-4-hydroxy-3-[[4-[(4-sulfophenyl)azo]phenyl]azo]-, compounds. with N,N'-bis(mixed Ph and tolyl and xylyl)guanidine monohydrochloride
85029-57-8	Amines, C_{10-14}-branched and linear alkyl, bis[2,4-dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-2-phenyl-3*H*-pyrazol-3-onato(2-)]chromate(1-)
90432-08-9	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-, diazotized, coupled with diazotized 4-nitro-1,3-benzenediamine and resorcinol, potassium sodium salts

[1] CAS RN: Chemical Abstracts Service Registry Number. The Chemical Abstracts Service information is the property of the American Chemical Society and any use or redistribution, except as required in supporting regulatory requirements and/or for reports to the Government of Canada when the information and the reports are required by law or administrative policy, is not permitted without the prior, written permission of the American Chemical Society.

Part 3 Substances

CAS RN[1]	Name of the Substance
1103-38-4	1-Naphthalenesulfonic acid, 2-[(2-hydroxy-1-naphthalenyl)azo]-, barium salt (2:1)
5102-83-0	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[*N*-(2,4-dimethylphenyl)-3-oxo-
5160-02-1	Benzenesulfonic acid, 5-chloro-2-[(2-hydroxy-1-naphthalenyl)azo]-4-methyl-, barium salt (2:1)
5567-15-7	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[*N*-(4-chloro-2,5-dimethoxyphenyl)-3-oxo-
6358-85-6	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-oxo-*N*-phenyl-
6372-81-2	Benzoic acid, 2-[(2-hydroxy-1-naphthalenyl)azo]-, barium salt (2:1)
6417-83-0	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)
6535-46-2	2-Naphthalenecarboxamide, 3-hydroxy-*N*-(2-methylphenyl)-4-[(2,4,5-trichlorophenyl)azo]-
7023-61-2	2-Naphthalenecarboxylic acid, 4-[(5-chloro-4-methyl-2-sulfophenyl)azo]-3-hydroxy-, calcium salt (1:1)
17852-99-2	2-Naphthalenecarboxylic acid, 4-[(4-chloro-5-methyl-2-sulfophenyl)azo]-3-hydroxy-, calcium salt (1:1)
71832-83-2	2-Naphthalenecarboxylic acid, 4-[(5-chloro-4-methyl-2-sulfophenyl)azo]-3-hydroxy-, magnesium salt (1:1)

Part 4 Substance

CAS RN[1]	Name of the Substance
90268-24-9	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-oxo-, N,N'-bis(4-chloro-2,5-dimethoxyphenyl and 2,4-xylyl) derivatives; Pigment Yellow 176

4. Who is required to respond?

As outlined in Schedule 2 of the notice, the notice applies to any persons who, during the 2010 calendar year, **manufactured** a total quantity greater than 100 kilograms (kg) of a substance listed in **Schedule 1** to this notice at any concentration.

The notice also applies to any persons who, during the 2010 calendar year, **imported** a total quantity greater than 100 kg of a substance listed in **Part 1 and Part 2** of Schedule 1 of the notice at any concentration, whether in a manufactured item intended for use by or for children, alone, in a mixture, or in a product.

Furthermore, the notice applies to any persons who, during the 2010 calendar year, **imported** a total quantity greater than 100 kg of a substance listed in **Part 3 and Part 4** of Schedule 1 to the notice at any concentration, whether alone, or in a mixture.

Example 1:

1) Company meets the reporting threshold:
In 2010, if your company imported 1000 kg of Colourant X that contains 25% of a reportable substance, then 250 kg were imported. The reporting threshold is met.

2) Company does not meet the reporting threshold:
In 2010, if your company manufactured 8 kg of a reportable substance, the reporting threshold is not met.

Subsection 71(3) of the Act states that every person to whom a notice was issued under paragraph 71(1)(*b*) of the Act must comply with the notice within the time specified in the notice. The time specified in this notice is April 16, 2012, 3 p.m. Eastern Daylight Saving Time.

If the person subject to the notice is a corporation who owns more than one facility, a single response to the notice shall be submitted.

4.1- Exclusion

This notice does not apply to a substance whether alone, in a mixture, product or manufactured item that is in transit through Canada.

Parts 1 and 2 substances:

The notice applies to any person who, during the 2010 calendar year, imported a total quantity greater than 100 kg of a substance listed in Part 1 and Part 2 of Schedule 1 to this notice at any concentration, whether **alone**, in a **mixture**, or in a **product**; or whether in a **manufactured item intended for use by or for children**.

For the purpose of this notice, only imported manufactured items intended for use by or for children are reportable. All other manufactured items are excluded.
Products include, but are not limited to, cosmetics, textile fibre products, leather apparel and footwear and food and food packaging.

The following examples are considered reportable manufactured items intended for use by or for children or reportable imported products:

- Carton of eggs
- Chewing gum
- Clothing
- Curtains for residence dwelling
- House carpeting
- Hair brushes
- Fertilizers
- Industrial cleaning products
- Industrial grease or lubrication products
- Leather boots

- Pet care products
- Potato chips bag
- Shampoos
- Bed sheets
- Skin creams
- School bus
- Toys

For instance, carpet for a household is reportable as it is intended for personal use (refer to definitions in Schedule 3 of the notice). On the other hand, office carpet is not targeted by this notice as it is not intended for personal use.

The following examples are not considered reportable manufactured items intended for use by or for children or reportable imported products:

- Agricultural equipment
- Bicycles for adults
- Construction equipment
- Household appliances
- Industrial machinery
- Office carpet
- Office equipment

4.2- Do I manufacture?

The notice provides that:

> "Manufacture" includes to produce or to prepare a substance, and also the incidental production of a substance.

This term relates to the creation or production of a substance listed in Schedule 1 of the notice. The term "manufacture," as used in the notice, applies only to the substance itself, and not to the manufacture of a product, mixture or manufactured item using the substance.

In general, using one or more of the reportable substances to blend or formulate products or mixtures does not meet the definition of "manufacture" under the present notice. However, incidental production of a reportable substance may occur if, during the process of blending or formulating, a chemical reaction occurs that results in the production of a substance (or by-product) that is reportable under the notice. In this case, the incidental production of the reportable substance would meet the definition of "manufacture" under the notice.

4.3- Do I import?

Import relates specifically to the movement into Canada from another country of **any substance identified in Schedule 1 (Parts 1 to 4)** of the notice **or any mixture** that contains such a reportable substance. Import also refers to the movement into Canada from another country of any substance identified in Part 1 or Part 2 of Schedule 1 of the notice contained in manufactured items intended for use by or for children or products.

If you are aware that an imported **mixture** contains a substance included in Schedule 1 of the notice or if you import the **substance**, you are required to report on this substance if you meet the reporting threshold. As well, if you import a **manufactured item intended for use by or for children or product** that contains a substance listed in Part 1 or Part 2 of Schedule 1 of the notice, you are required to report on this substance if you meet the reporting threshold. You are required to provide information that your company possesses or to which your company may reasonably be expected to have access (more information on this topic is presented in section 8 of this guidance document).

For the purpose of this notice, only imported manufactured items intended for use by or for children are reportable. All other manufactured items are excluded. In addition, product includes, but is not limited to, cosmetics, textile fibre products, leather apparel and footwear and food and food packaging. All other products are also captured by this notice. Refer to section 4.1 for examples of manufactured items intended for use by or for children or products.

A “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.

For the purpose of the notice, possible situations where you are considered to “import” include, but are not limited to, the following examples:

Example 2:

1) You are an individual, company or other person in Canada that ordered or purchased, from a foreign supplier, a reportable manufactured item intended for use by or for children, substance, mixture, or product containing a reportable substance, listed in Part 1 or Part 2 of Schedule 1 of the notice, that was shipped directly from a foreign source (such as a person or company situated outside of Canada) to your location in Canada.

2) You are an individual, company or other person in Canada that ordered or purchased, from a foreign supplier, a manufactured item intended for use by or for children, substance, mixture, or product containing a reportable substance, listed in Part 1 or Part 2 of Schedule 1 of the notice, that was shipped directly from a foreign source to an address in Canada (including a distribution warehouse) on your request.

3) You are an individual, company or other person in Canada that received a manufactured item intended for use by or for children, substance, mixture, or product

containing a reportable substance, listed in Part 1 or Part 2 of Schedule 1 of the notice, as an internal company transfer from a foreign source.

4) You are an individual, company or other person in Canada that ordered or purchased, from a foreign supplier, a reportable substance or a mixture containing a reportable substance listed in Part 3 or 4 of Schedule 1 of the notice, that was shipped directly from a foreign source (such as a person or company situated outside of Canada) to your location in Canada.

Your activities do not meet the definition of “import” if you purchased or received a manufactured item intended for use by or for children, substance, mixture, or product containing a reportable substance that was already located in Canada.

5. How to submit a blind submission?

Since customers may purchase several different manufactured items intended for use by or for children, mixtures, or products that contain the substance, or may import the same item from several suppliers, it may be difficult to determine if the total quantity meets the threshold. If a supplier knows/suspects that a customer should report, based on quantities purchased, the supplier may choose to inform the customer of this.

Customers may ask their suppliers if the products they purchase contain substances listed in Schedule 1 of the notice. Suppliers looking to protect their formulations as confidential business information may be reluctant to provide the information to their customers. In this case, suppliers and customers can work together in order for each person to provide the information via a "blind submission".

For further information on blind submissions, please contact the Substances Management Information Line (see Section 12 of this document for details).

6. Schedule 3 of the notice

6.1- How do I report the total quantities manufactured and imported?

It is necessary to report the total quantities manufactured and imported for the substances listed in Schedule 1 of the notice by indicating the appropriate quantity. You are asked to report the total quantity of the substances manufactured or imported as separate entries.

Quantities must be provided for the substance itself, and not the manufactured item intended for use by or for children, mixture, or product in which it may be contained. Colourants often contain multiple substances. Responses should be based on eachreportable substance within the colourant in the mixture, product or manufactured items intended for use by or for children.

Example 3:
A person imported 300 kg of C.I. Pigment Yellow XX. This colourant contains several substances, including one substance that is reportable under this notice, at a concentration of 50%. The person is only required to report on 150 kg of this substance.

For mixtures, including colourants, for which substance composition is unknown, a range may be provided based on the proportion within the mixture.

6.2- What are the North American Industry Classification System codes?

You are required to report each applicable six-digit North American Industry Classification System (NAICS) code with respect to each of the person's activities with the manufactured item intended for use by or for children, substance, product, or mixture containing the substance. The code will provide general information on the number and types of sectors involved with the substances listed in the notice.

The NAICS codes were developed by Statistics Canada, the U.S. Office of Management and Budget, and Mexico's Instituto Nacional de Estadistica Geografia e Informatica, to enable the national agencies to collect comparable statistical data.

To determine which NAICS code applies to the activities on which you are reporting, a list of six-digit NAICS codes is available at the Statistics Canada web site (*note that the NAICS code(s) web address is case sensitive*):

www.statcan.ca/english/Subjects/Standard/naics/2007/naics07-menu.htm

6.3- What are the Industrial Function Codes and Consumer and Commercial Codes?

Industrial Function Codes and *Consumer and Commercial Codes* were developed jointly among the United States Environmental Protection Agency, Health Canada and Environment Canada in order to facilitate the exchange of information between the United States and Canada and to encourage consistency in reporting chemical substances by industry.

For all substances, you are required to report the Codes that apply to the activity involving each reportable substance. Please refer to sections 12 and 13 of the notice or section 6.4 of this document for the list of codes and their corresponding applications.

Industrial function refers to the intended physical or chemical characteristic for which a chemical substance or mixture is consumed as a reactant; incorporated into a formulation, mixture, reaction product, or article; repackaged; or used (e.g., dyes).

Consumer activity refers to the use of a substance that is directly, or as part of a mixture, a product; or a manufactured item, sold to or made available to consumers for

their use in or around a permanent or temporary household or residence, a school, or recreational areas.

Example 4:

1) Substance has a consumer activity

In 2010, if your company sold a product containing the substance X to an enterprise that sold it to consumers for their personal use, the substance had a consumer use.

2) Substance has a consumer activity:

In 2010, if your company imported a product containing the substance X and it was then sold directly to customers (i.e. the general population) for their personal use, the substance had a consumer use.

3) Substance does not have a consumer activity:

In 2010, if your company sold a mixture containing the substance X to another enterprise that used the mixture in their industrial operation, the substance did not have a consumer use.

Commercial activity refers to the use of a substance or the use of a mixture, product; or manufactured item containing a substance, in a commercial enterprise providing saleable goods or services.

Example 5:

1) Substance has a commercial activity:

In 2010, if your company sold a product containing the substance X to an enterprise that used the substance for their industrial operation, the substance had a commercial use.

2) Substance has a commercial activity:

In 2010, if your company used the substance when providing services to other persons or companies, the substance had a commercial use.

3) Substance does not have a commercial activity:

In 2010, if your company imported a substance that was entirely used within your company's operations, the substance did not have a commercial use.

6.4- Code Numbering System for Industrial Function Codes and Consumer/Commercial Codes

All codes consist of one letter followed by a three-digit number. A basic structure of [***Type***][***Group #***][***Code #***] is applied to all codes where:

[***Type***] is expressed by either the letter "U" for industrial function or the letter "C" for consumer and commercial product.

[***Group #***] is a one-digit number to indicate a grouping of chemical substances or products having similar uses. Industrial function codes are listed in alphabetical order and are not separated into different groups; therefore, all industrial function codes have a group number 0. Six group numbers (groups 1 – 5 and group 9) apply to consumer and commercial codes.

[***Code #***] is a two-digit number to indicate a specific code (within each group for consumer and commercial codes).

Example: use code C203, "Building/Construction Materials - Wood and Engineered Wood Products", is a consumer and commercial code ([*Type*] is "C"), which belongs to group 2 ([*Group #*] is 2), and is the third code listed in this group ([*Code #*] is 03).

Use code number 999 is reserved for the "Other" code in both industrial function codes (U999) and consumer and commercial codes (C999). When selecting this code, a written description of the industrial function or consumer and commercial code must be provided.

Industrial Function Codes

Industrial Function Codes	**Title**	**Description**
U001	Abrasives	Substances used to wear down or polish surfaces by rubbing against the surface. Examples include sandstones, pumice, silex, quartz, silicates, aluminum oxides, and glass.
U002	Adhesives and sealant substances	Substances used to promote bonding between other substances, promote adhesion of surfaces, or prevent seepage of moisture or air. Examples include epoxides, isocyanates, acrylamides, phenol, urea, melamine, and formaldehyde.
U003	Adsorbents and absorbents	Substances used to retain other substances by accumulation on their surface or by assimilation. Examples of adsorbents include silica gel, activated alumina, and activated carbon. Examples of absorbents include straw oil, alkaline solutions, and kerosene.
U004	Agricultural substances (non-pesticidal)	Substances used to increase the productivity and quality of farm crops. Examples include phosphates, lime, nitrates, potash compounds, alum, ammonia and ammonium salts, urea, and mineral supplements.
U005	Anti-adhesive agents	Substances used to prevent bonding between other substances by discouraging surface attachment. Examples include anti-adherents, antiblock agents, detackifiers, dusting agents, mould release agents, and parting agents.
U006	Bleaching agents	Substances used to lighten or whiten a substrate through chemical reaction, usually an oxidative process which degrades the colour system. Examples generally fall into one of two groups: chlorine containing bleaching agents (e.g. chlorine, hypochlorites, N-chloro compounds and chlorine dioxide); and, peroxygen bleaching agents (e.g. hydrogen peroxide, potassium permanganate, and sodium perborate).
U007	Corrosion inhibitors and antiscaling agents	Substances used to prevent or retard corrosion or the formation of scale. Examples include phenylenediamine, chromates, nitrates, phosphates, and hydrazine.
U008	Dyes	Substances used to impart colour to other materials or mixtures by penetrating into the surface of the substrate. Examples types

Industrial Function Codes	Title	Description
		include azo, anthraquinone, amino azo, aniline, eosin, stilbene, acid, basic or cationic, reactive, dispersive, and natural dyes.
U009	Fillers	Substances used to provide bulk, increase strength, increase hardness, or improve resistance to impact. Fillers incorporated in a matrix reduce production costs by minimizing the amount of more expensive substances used in the production of articles. Examples include calcium carbonate, barium sulfate, silicates, clays, zinc oxide and aluminum oxide.
U010	Finishing agents	Substances used to impart such functions as softening, static-proofing, wrinkle resistance, and water repellence. Substances may be applied to textiles, paper, and leather. Examples include quaternary ammonium compounds, ethoxylated amines, and silicone compounds.
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. Examples include inorganic salts, chlorinated or brominated organic compounds, and organic phosphates/phosphonates
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. Examples of fuels include coal, oil, gasoline, and various grades of diesel fuel. Examples of fuel additives include oxygenated compound such as ethers and alcohols, antioxidants such as phenylenediamines and hindered phenols, corrosion inhibitors such as carboxylic acids, amines, and amine salts, and blending agents such as ethanol.
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. Examples include heat transfer agents (e.g., coolants and refrigerants) such as polyalkylene glycols, silicone oils, liquified propane, and carbon dioxide; hydraulic/transmission fluids such as mineral oils, organophosphate esters, silicone, and propylene glycol; and dielectric fluids such as mineral insulating oil and high flash point kerosene.
U014	Functional fluids (open systems)	Liquid or gaseous substances used for one or more operational properties in an open system. Examples include antifreezes and de-icing fluids such as ethylene and propylene glycol, sodium formate, potassium acetate and sodium acetate. This code also includes substances incorporated into metal working fluids.
U015	Intermediates	Substances consumed in a reaction to produce other substances for commercial advantage. Examples include amines, nitriles, diols, polyalcohols, organic acids and acid chlorides, and organic chlorides and bromides.
U016	Ion exchange agents	Substances that are used to selectively remove targeted ions from a solution. This code also includes aluminosilicate zeolites. Examples generally consist of an inert hydrophobic matrix such as styrene-divinylbenzene or phenol-formaldehyde, cross-linking polymer such as divinylbenzene, and ionic functional groups including sulfonic, carboxylic or phosphonic acids.
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. Examples of lubricants include mineral oils, silicate and phosphate esters, silicone oil, greases, and solid film lubricants such as graphite and PTFE. Examples of lubricant additives include molybdenum disulphide and tungsten disulphide.

Industrial Function Codes	Title	Description
U018	Odour agents	Substances used to control odours, remove odours, mask odours, or impart odours. Examples include benzenoids, terpenes and terpenoids, musk chemicals, aliphatic aldehydes, aliphatic cyanides, and mercaptans
U019	Oxidizing or 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. Examples of oxidizing agents include nitric acid, perchlorates, hexavalent chromium compounds, and peroxydisulfuric acid salts. Examples of reducing agents include hydrazine, sodium thiosulfate, and coke produced from coal.
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. Examples include sensitizers, fluorescents, photovoltaic agents, ultraviolet absorbers, and ultraviolet stabilizers.
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. This code includes fluorescent agents, luminescent agents, whitening agents, pearlizing agents, and opacifiers. Examples include metallic oxides of iron, titanium, zinc, cobalt, and chromium; metal powder suspensions; lead chromates; vegetable and animal products; and synthetic organic pigments.
U022	Plasticizers	Substances used in plastics, cement, concrete, wallboard, clay bodies, or other materials to increase their plasticity or fluidity. Examples include phthalates, trimellitates, adipates, maleates, and lignosulphonates.
U023	Plating agents and surface treating agents	Substances applied to metal, plastic, or other surfaces to alter physical or chemical properties of the surface. Examples include metal surface treating agents, strippers, etchants, rust and tarnish removers, and descaling agents.
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. Examples include noble metal catalysts such as platinum, palladium, and gold, transition metal catalysts such as iron, vanadium, and nickel, and organic monomers and epoxides used to initiate reactions.
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. Examples include weighting agents added to drilling fluids to increase their density, octal alcohol added to prevent foaming, and substances added to inhibit the formation of hydrates of natural gas and water.
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. Examples include buffers, dehumidifiers, dehydrating agents, sequestering agents, and chelators.
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 thermo set resins. Examples include compressed gasses and liquids and substances which release ammonia, carbon dioxide, or nitrogen.
U028	Solids separation agents	Substances used to promote the separation of suspended solids from a liquid. Examples include flotation aids, flocculants,

Industrial Function Codes	Title	Description
		coagulants, dewatering aids, and drainage aids.
U029	Solvents (for cleaning or degreasing)	Substances used to dissolve oils, greases and similar materials from textiles, glassware, metal surfaces, and other articles. Examples include trichloroethylene, perchloroethylene, methylene chloride, liquid carbon dioxide, and n-propyl bromide.
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. Examples include diluents used to reduce the concentration of an active material to achieve a specified effect and low gravity materials added to reduce cost.
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. Examples include carboxylates, sulfonates, phosphates, carboxylic acid, esters, and quaternary ammonium salts.
U032	Viscosity adjustors	Substances used to alter the viscosity of another substance. Examples include viscosity index (VI) improvers, pour point depressants, and thickeners.
U033	Laboratory substances	Substances used in a laboratory for chemical analysis, chemical synthesis, extracting and purifying other chemicals, dissolving other substances, and similar activities. Examples of laboratory chemicals include substances that change colour to indicate pH, redox potential or other endpoints, halogenated and non-halogenated solvents, chemicals used in titrations and chromatography, Grignard reagents used in organic synthesis, laboratory reagents, and inorganic acids and bases.
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. Examples include polyols, amines, vinyl acetate ethylene emulsions, and aliphatic polyisocyanates.
U061	Pest control substances	Substances used as active ingredients or formulants 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. Examples include organophosphates, carbamates, organochlorines, pyrethroids, and triazines.
U999	Other (specify)	Substances with an industrial function not otherwise described in this table. A written description must be provided when using this code.

Consumer and Commercial Codes

List of *Consumer and Commercial Code* Groups

Group #	Group Description
1	Chemical substances in furnishing, cleaning, treatment or care
2	Chemical substances in construction, paint, electrical or metal
3	Chemical substances in packaging, paper, plastic or hobby
4	Chemical substances in automotive, fuel, agriculture or outdoor use
5	Chemical substances in items for food, health or tobacco
9	Substances in products, mixtures or manufactured items not described by other codes

Table 1: Substances in furnishings, cleaning, treatment or care

Consumer and Commercial Codes	Title	Description
C101	Floor Coverings	Substances contained in floor coverings. Examples include carpet, rugs, vinyl, linoleum, laminate, tile, and stone products. 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. Examples of products include sofas and chairs for residential/office use, automobile and truck seats, airplane seats, and mattress pads.
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. Examples of products include movable and installed furniture such as tables, chairs, benches, desks, cabinets, shelving, stools, television stands, display cases, book cases, and storage units. 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. Examples of products include apparel (outerwear, sportswear, and sleepwear), footwear (sandals and athletic shoes), window treatments (curtains and blinds), table linens (table coverings, place mats, and cloth napkins), bed linens (sheets, pillow cases/coverings, and blankets, bed coverings), bath linens (towels, wash cloths, bath mats) and fabric, textile and leather products that are not covered elsewhere.
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. Examples of products include cleaners used on glass, floors, tub and tile, ovens and drains; scouring powders; dusting products; waxes; polishes; and stain repellent sprays. This code does not include laundry and dish washing products.
C106	Laundry and Dishwashing	Substances contained in laundry and dishwashing products, mixtures or manufactured items. Examples of products include detergents, fabric softeners, pre-soaks and prewashes to remove soil and stains, dryer sheets, bleach, rinse aids, and film, lime and rust removers.
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. Examples of products include pH adjusters, filter media, water treatment tablets/drops, and point of use/point of entry ion exchangers. Excludes any substance contained in pest control products as defined under the Pest Control Products Act.

C108	Personal Care	Substances contained in personal care products, mixtures or manufactured items that are used for cleansing, grooming, improving or altering skin, hair, or teeth. Examples of products include bath and shower products; make-up products; hair, nail, oral and skin care products; sunscreen and suntan products; deodorants; and perfumes.
C109	Air Care	Substances contained in products, mixtures or manufactured items that are used to odorize or de-odorize indoor air in homes, offices, motor vehicles, and other enclosed spaces. Examples of products include aerosol sprays, liquid/solid/gel diffusers, air fresheners, scented candles and incense.
C110	Apparel and Footwear Care	Substances contained in apparel and footwear care products, mixtures or manufactured items intended for consumer and commercial use and that are applied post-market. Examples of products include footwear polishes/waxes, garment waterproofing sprays, and stain repellents.
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. Examples of products include bath products, hair product and oral care products.

Table 2: Substances in construction, paint, electrical or metal

Consumer and Commercial 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. Examples of products include glues, binders, adhesives, pastes, sealants, fillers, putties, and caulking compounds.
C202	Paints and Coatings	Substances contained in paints or coatings. Examples of products include interior and exterior architectural and marine paints, bridge/iron coatings, varnishes, lacquers, paint thinners, removers, wood stains and shellac.
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. Examples of products include lumber, posts and timbers, exterior siding, molding, mill work, cabinetry, paneling, veneer, flooring, stair parts, plywood and sheathing, railings and decking.
C204	Building or Construction Materials not otherwise covered in this table	Substances contained in building and construction materials not otherwise covered in this table. Examples of products include insulation materials such as foams and fibers, roofing and gutters, ceiling products, exterior siding, drywall, concrete, masonry and cement, building hardware, fencing, decking, hardware and fasteners (nuts, bolts, screws, nails, and tacks), plumbing, duct work, abrasive and sanding products, sheet metal, plaster, weather stripping, wire or wiring systems, and bricks.
C205	Electrical and Electronics	Substances contained in electrical and electronic products, mixtures or manufactured items. Examples of products include computers, office equipment, appliances, electric lighting, electrical wire and cables, radios, televisions and monitors, telephones, multi-media devices, digital cameras, adapters, alarms (burglar, fire, smoke), and communication equipment.

Consumer and Commercial Codes	Title	Description
C206	Metal materials not otherwise covered in this table	Substances contained in metal products, mixtures or manufactured items not otherwise covered in this table. Examples of products not covered elsewhere include metal products produced by forging, stamping, plating, turning, and other processes; hand tools; metal tubing/pipes/duct work; wire fencing; tableware; and small appliances and cookware (frying pan, waffle iron, electric kettle).
C207	Batteries	Substances contained in non-rechargeable and rechargeable batteries including dry and wet cell units that store energy. Examples of products include zinc carbon, alkaline, lead-acid, lithium-ion, nickel-metal hydride, and other batteries used in electrical and electronic products, cell phones, computers, remote controls, toys, and cars.

Table 3: Substances in packaging, paper, plastic or hobby

Consumer and Commercial Codes	Title	Description
C301	Food Packaging	Substances contained in single or multi-layered packaging consisting of paper, plastic, metal, foil or other materials which have or may have direct contact with food. . Examples include containers, cartons, wrappers, bags, and other food packaging items (bottles, cans, boxes and trays).
C302	Paper Products, mixtures or manufactured items	Substances contained in paper products, mixtures or manufactured items. Examples of paper products include newsprint coated and uncoated papers for writing, printing and photocopying; facial and toilet tissue, paper napkins, paper tablets/notepads, paper forms, envelopes, texts and published materials (books and magazines); file folders; wrapping papers; and specialty papers. This code does not include paper used in food packaging.
C303	Plastic and Rubber materials not otherwise covered in this table	Substances contained in rubber and plastic products, mixtures or manufactured items not otherwise covered in this table. Examples of products not covered elsewhere include tires, shower curtains, non-metal cookware (non-electric), non-food specific containers (bags, bottles, and jars), rubber bands, and waders.
C304	Toys, Playground and Sporting Equipment	Substances contained in toys, playground, and sporting equipment made of wood, metal, plastic or fabric. Examples of products include toys (dolls, cars, puzzles, and games), playground equipment (gym sets, playhouses and structures, swing sets) and sporting equipment (bicycles, skates, balls, team sports equipment) intended for indoor or outdoor use, and playground surfaces (rubber, mulch).
C305	Arts, Crafts and Hobby Materials	Substances contained in arts, crafts, and hobby materials. Examples include art/hobby paints and dyes, markers and other writing and drawing materials; natural and synthetic clays used in pottery, ceramics and sculpture; jewellery-making supplies including glass, stone and lapidary materials; stained-glass making supplies; picture framing supplies; and, building and science hobby kits.

Consumer and Commercial Codes	Title	Description
C306	Ink, Toner and Colourants	Substances contained in ink, toners and colorants used for writing, printing, creating an image on paper; and other substrates, or applied to substrates to change their colour or hide images. Examples of products include black or colored powders used in copy machines and printers to produce xerographic images; pigmented liquids contained in cartridges, bottles, or other dispensers used for writing or printing; and, correction fluids and tapes. This code does not include pigments or colorants added to paints and coatings, which should be reported under the paints and coatings code.
C307	Photographic supplies, film and photo-chemicals	Substances contained in photographic supplies, film, photo-processing substances, and photographic paper. Examples of products include processing solutions (for developing, stopping, and fixing photos), slide and negative film, and, glossy and matte photographic paper.

Table 4: Substances in automotive, fuel, agriculture or outdoor use

Consumer and Commercial 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. Examples of products include car waxes, polishes, cleaners, and sealers; car wash solutions; vinyl/rubber/plastic protectants; automotive carpet and upholstery cleaners; wheel and tire care products; exterior trim protectants; and touch-up paint products. This code does not include antifreeze, de-icing products, or lubricants.
C402	Lubricants and Greases	Substances contained in products, mixtures or manufactured items used in automotive cleaning and care of exterior and interior vehicle surfaces. Examples include engine oils; transmission, brake and hydraulic fluids; gear oils; and, calcium, sodium, lithium, and silicone-based greases.
C403	Anti-Freeze and De-icing	Substances contained in products, mixtures or manufactured items to reduce friction, heat generation and wear between solid surfaces. Examples of products include antifreeze liquids, windshield de-icers, aircraft de-icers, lock release agents, ice melting crystals, and rock salt.
C404	Fuels and Related Products, mixtures or manufactured items	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. Examples include gasoline, diesel fuels, propane, butane, kerosene, lamp oils, white gas (naphtha), natural gas, stabilizers, anti-knock agents, corrosion inhibitors, detergents, fuel dyes, oxygenates, antioxidants, odour agents, non-scented candles, lighter fluids, and, matches.
C405	Explosive Materials	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. Examples of products include pyrotechnics, high explosives and propellants, igniters, primers, initiatories, illuminants, smoke and decoy flares, and, incendiaries.

Consumer and Commercial Codes	Title	Description
C406	Agricultural Products, mixtures or manufactured items (non-pesticidal)	Substances used to increase the productivity and quality of plants or animals; or forestry crops, produced on a commercial scale. . Examples of products include fertilizers, additives, time release agents, colorants (used to mark fields and improve the appearance of Christmas trees), application aids (defoamers and foamers), pH adjusters, moisture retention agents, soil conditioners, seed coatings. Includes animal feed (any substance or mixture of substances for consumption by livestock, providing the nutritional requirements of livestock, or the purpose of preventing or correcting nutritional disorders of livestock, as defined in the Feeds Act and Regulations).
C407	Lawn and Garden Care	Substances contained in lawn, garden, outdoor or potted plant, and tree care products, mixtures or manufactured items. Examples include fertilizers and nutrient mixtures, soil amendments, mulches, pH adjustors, water retention beads, vermiculite, perlite. Excludes any substance contained in pest control products as defined under the Pest Control Products Act.
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. Example of products include herbicides, insecticides, fungicides, antimicrobial agents, pool chemicals, microbials, material and wood preservatives, animal and insect repellents, and insect- and rodent-controlling devices.
C462	Automotive, Aircraft and Transportation	Substances contained in automobiles, aircraft and other types of transportation, or used in their manufacture.

Table 5: Substances in items for food, health or tobacco

Consumer and Commercial Codes	Title	Description
C562	Food and Beverage	Substances contained in food and beverage products, mixtures or manufactured items. Examples include food additives such as colouring agents, anti-caking agents, preservatives, emulsifiers; spices, seasoning, flavouring preparations and natural extractives; unavoidable residues of processing aids specific for food manufacturing such as antifoaming, fining or sanitizing agents.
C563	Drugs	Substances contained in prescription and non-prescription drugs intended for humans or animals. Examples include biologically derived products (such as vaccines, serums and blood derived products), sterilization and sanitation products and radiopharmaceuticals.
C564	Natural Health	Substances used in natural health products, mixtures or manufactured items intended for humans or animals. Examples of products include homeopathic medicine, traditional medicine, vitamins and minerals, and herbal remedies.
C565	Medical Devices	Substances contained in products, mixtures or manufactured items used for the diagnosis, treatment, mitigation or prevention of a disease, disorder, or abnormal physical states; or those used in restoring, correcting or modifying organic functions in humans or animals. Examples include any article/instrument used in the prevention, diagnosis and

Consumer and Commercial Codes	Title	Description
		care of pregnancy, medical thermometers, blood sugar meters, pacemakers, and X-ray machines. This code excludes products covered under drugs.
C566	Tobacco Products, mixtures or manufactured items	Substances contained in a product, mixture or manufactured item composed in whole or in part of tobacco, including tobacco leaves and any extract of tobacco leaves. Examples include cigarette papers, tubes and filters, but not any food, drug or device that contains nicotine.

Table 6: Substances in products, mixtures or manufactured items not described by other codes

Consumer and Commercial Codes	Title	Description
C999	Other (specify)	Substances contained in products, mixtures or manufactured items that are not described within any other Consumer and Commercial Code. A written description of the product, mixture or manufactured item must be provided when using this code.

7. How to complete the sections of Schedule 3

7.1- Section 3 of the notice

Identification and Declaration Form

The Identification and Declaration Form is provided for three reasons:

1. to update the identification and contact information of each person who responds to the notice;
2. to certify the accuracy of the response;
3. to request confidentiality.

You must submit an original signed version of the Identification and Declaration Form to the Minister of the Environment.

Confidentiality requests

Pursuant to section 313 of the Act, any person who provides information in response to the notice may submit, with the information, a written request that it be treated as confidential. A request for confidentiality may be submitted for all or part of the information provided. A request should only be made for information that is truly confidential. Despite a request for confidentiality the Minister of the Environment may disclose information in accordance with sections 315, 316 or 317 of the Act.

Some examples of where a request for confidentiality has been made include when:

- the information is confidential to your company and has consistently been treated as such by your company;

- your company has taken, and intends to continue to take, measures that are reasonable in the circumstances to maintain the confidentiality of the information;
- the information is not, and has not been, reasonably obtainable by third persons by use of legitimate means, except with the consent of your company;
- the information is not available to the public;
- disclosure of the information may reasonably be expected to cause substantial harm to the competitive position of your company; and,
- disclosure of the information may reasonably be expected to result in a material financial loss to your company or a material financial gain to your company's competitors.

Upon receipt of a request for confidentiality under section 313 of the Act, in relation to information submitted pursuant to this notice, the Minister of the Environment shall not disclose that information, except in accordance with sections 315, 316 or 317 of the Act.

7.2- Section 4 of the notice

For each substance listed in Part 1 and 2 of Schedule 1 of the notice, provide the total quantity of the substance that was **manufactured or imported**, whether in a manufactured item intended for use by or for children, alone, in a mixture, or in a product during the 2010 calendar year, by indicating the total quantity of the substance in kilograms (rounded to the nearest kg, if less than 1 000kg; rounded to the nearest hundred kg, if greater than 1 000kg).

Indicate each applicable six-digit North American Industry Classification System (NAICS) code(s) that applies with respect to each of the person's or company's activities with the manufactured item intended for use by or for children, substance, product, or mixture containing the substance. If your company has a large spectrum of activities, please select the NAICS codes that apply to the activity your company has with the substance being reported.

If both manufacture and import are applicable, please report information as separate entries.

Please also consult section 6.1 of this document for more information on how to report quantities manufactured or imported.

Example 6:
In 2010, a company imported 5137 kilograms of Benzenesulfonic acid, 3-[[[4-(2-benzothiazolylazo)-3-methylphenyl]ethylamino]methyl]- (CAS RN 29706-48-7), and manufactured 547.3 kilograms of 1,3-Benzenediamine, 4,4'-[1,3-phenylenebis(azo)]bis-, dihydrochloride (CAS RN 10114-58-6). The company's primary activity with the substances is textile dyeing, which has the applicable NAICS code 313310 (Textile and Fabric Finishing).

(*a*) CAS RN	(*b*) Name of the substance	(c) Total quantity of the substance reported in kg (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg)		(*d*) NAICS code(s)
		Manufactured in 2010	Imported in 2010	
29706-48-7	**Benzenesulfonic acid, 3-[[[4-(2-benzothiazolylazo)-3-methylphenyl]ethylamino]methyl]--**		**5100**	**313310**
10114-58-6	**1,3-Benzenediamine, 4,4'-[1,3-phenylenebis(azo)]bis-, dihydrochloride**	**547**		**313310**

7.3- Section 5 of the notice

For each substance listed in Part 1 and Part 2 of Schedule 1 of the notice, that a person manufactured or imported, whether in a manufactured item intended for use by or for children, alone, in a mixture, or in a product during the 2010 calendar year, provide any unpublished data available on the substance with regards to absorption, distribution, metabolism or elimination; aerobic biodegradation, anaerobic biodegradation or hydrolysis; azo reductive cleavage on skin, in gastrointestinal tract or in the environment; bioconcentration factor or biomagnification factor; ecotoxicity (aquatic, soil, sediment); carcinogenicity; genotoxicity; melting point; octanol solubility; octanol-water partition coefficient (log Kow); organic carbon-water partition coefficient; vapour pressure; andwater solubility. **The data can be from any calendar year.**

In addition to this, the title of the unpublished data submitted must be provided. Furthermore, if there is any additional unpublished data available on the substance with regards to physical-chemical properties, toxicity, metabolism, degradation or the release of the substance from the manufactured item intended for use by or for children, final mixture, or product, then the study titles must be provided. **The data can be from any calendar year.**

The study or data is to be provided in electronic format, either on a CD, DVD or USB memory stick. If the file size is small enough, it can be sent by email. Paper copies of the data can also be sent.

If the study or data was previously provided to the Minister of the Environment, it does not need to be resubmitted if the person chooses instead to provide the information under section 5(2) to the notice. The following information must be provided in section 5(2) of the notice:

(a) the CAS RN of the substance;
(b) the date on which the data was sent;
(c) the name of the person who submitted the data;
(d) if the data was submitted in response to a notice issued under section 71 of the Act, provide:

(i) the title and the date of the publication of that notice in the *Canada Gazette*, Part I, and,

(ii) the applicable section and part of the notice;

(e) if the data was submitted for compliance with section 70 of the Act, provide the reference number that was issued by Environment Canada.

For the purposes of the notice, data is considered "unpublished" if it cannot be readily found using standard search engines (e.g. Scopus, Pubmed, Toxline, etc.).

If the person chooses to provide the information under section 5(2) to the notice, the person is deemed to agree that the information referred to is their response to section 5(1) to the notice.

Arrangements can be made with Canadian Associations interested in submitting studies on behalf of Canadian companies.

Example 7:

A person who responds to the notice possesses data on water solubility and log Kow, studies for Benzenesulfonic acid, 3-[[[4-(2-benzothiazolylazo)-3-methylphenyl]ethylamino]methyl]- (CAS RN 29706-48-7), and an aquatic toxicity study (LC_{50} in fathead minnow) , an in vitro dermal penetration study, and bleed fastness test data which was previously provided, for 1,3-Benzenediamine, 4,4'-[1,3-phenylenebis(azo)]bis-, dihydrochloride (CAS RN 10114-58-6).

If the data was not previously submitted, it must be submitted here.

5(1)

(a) CAS RN	(b) Physical-chemical properties and toxicity data submitted (Indicate corresponding data types of the submitted data for each CAS RN)	(c) Study title(s) for the data submitted in paragraph (1)(b)	(d) Study title(s) for additional data, not listed in paragraph (1)(b)
29706-48-7	**Water solubility**	**Toxicological parameters tested on daphnia for CAS RN 29706-48-7 (Smith et al. 1999)**	**Toxicity study on rats for CAS RN 29706-48-7 (Peterson et al. 2001)**
	log Kow	**Toxicological parameters tested on fathead minnow for CAS No. 29706-48-7 (Smith et al. 1999)**	
10114-58-6	**Ecotoxicity**	**Lethal concentration values tested for pigments on fathead minnow (Peter et al. 1975)**	
	Absorption	**In vitro dermal penetration study of certain dyes (Johnson 2001)**	

5(2)

(*a*) CAS RN	(*b*) Date on which the data was sent	(*c*) Name of the person who submitted the data and, if different, the name of the person who certified the accuracy of the data	(*d*) Title and the date of the publication of the notice in the *Canada Gazette*, Part I and the section and its part (if applicable) (for data that was submitted in response to a notice issued under section 71 of the Act)	(*e*) Reference number that was issued by Environment Canada (for data that was submitted for compliance with section 70 of the Act)
10114-58-6	**2008-09-12**	**Mr. John Doe**	**Notice with respect to Batch 6 substances, published in the Canada gazette, Part I on May 21, 2008**	**34814**

7.4- Section 6 of the notice

For each substance listed in Part 1 and Part 2 of Schedule 1 of the notice that was manufactured or that was imported, whether in a manufactured item intended for use by or for children, alone, in a mixture, or in a product during the 2010 calendar year, list the applicable *Industrial Function Code(s)* (set out in section 12 of the notice) that apply to the substance. Also provide the quantity of the substance manufactured or imported for each *Industrial Function Code*, reported in kilograms (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg).

If you do not know the exact use of the substance or the substance in the manufactured item intended for use by or for children, mixture, or product, then choose the *Industrial Function Code(s)* that is consistent with the most complete and accurate information available to you.

Where code U999 is applicable, a written description of the substance function must be provided.

Example 8:

In 2010, a person imported a colourant containing a substance (CAS RN 10114-58-6) that had the industrial function code U021 (pigment). The total quantity of the substance imported for this industrial use is 2100 kg.

(a) CAS RN	(b) Applicable Industrial Function Code(s) (set out in section 12 to the notice)	(c) Quantity of the substance manufactured or imported for each Industrial Function Code, reported in kg (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg)
10114-58-6	**U021**	**2100**

Example 9:
In 2010, a person imported a substance (CAS RN 10114-58-6), that had the industrial function code U008 (dyes). The total quantity of the substance imported for this industrial use is 110.6 kg (quantity rounded to 111 kg).

(a) CAS RN	(b) Applicable Industrial Function Code(s) (set out in section 12 of the notice)	(c) Quantity of the substance manufactured or imported for each Industrial Function Code, reported in kg (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg)
10114-58-6	**U008**	**111**

7.5- Section 7 of the notice

For each substance listed in Part 1 and Part 2 of Schedule 1 of the notice, that was imported, whether in a manufactured item intended for use by or for children, alone, in a mixture, or in a product during the 2010 calendar year, list the name, head office street and mailing address, contact name, telephone number and email of the five suppliers from whom the greatest amount of substance was received.

Example 10:

(a) CAS RN	(b) Name, head office street and mailing address, contact name, telephone number and email of the supplier of the five suppliers from whom the greatest amount of the substance was received
29706-48-7	**Name AA, XXX Roxy Avenue, NY, NY, 23456** **John Doe ((205) 555-5555, john.doe@themail.com**

7.6- Section 8 of the notice

For each substance listed in Part 1 and Part 2 of Schedule 1 of the notice, that was manufactured or imported, whether in a manufactured item intended for use by or for children, alone, in a mixture, or in a product during the 2010 calendar year, list the name, head office street and mailing address, telephone number and email of the 10 persons in Canada to whom the largest quantity of the substance was sold. For each customer, also provide the total quantity of the substance that was sold to each person identified.

Example 11:
In 2010, a person imported a substance (CAS RN 10114-58-6) in a mixture, which was used to make paint. The paint was then sold to three companies in Canada. Customer information is required.

(*a*) CAS RN	(*b*) Name, head office street and mailing addresses, and telephone number and email of the 10 persons in Canada to whom the largest quantity of the substance was sold including the substance contained in the mixture or the product	(c) Total quantity of the substance that was sold to each person identified in paragraph (b), reported in kilograms (rounded to the nearest kilogram, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg).
10114-58-6	**Name AA, XXX Super Avenue, Toronto, Ontario, X1X 1X1 (905) 555-1234, xxx.xxxx@themail.com**	**1000**
10114-58-6	**Name BB, XXX Magic Road, Burlington, Ontario, X1X 1X1 (905) 555-5678, xxx.xxxx@themail.com**	**1000**
10114-58-6	**Name CC, XXX Extra Boul., Montreal, Quebec, X1X 1X1 (514) 555-4321, xxx.xxxx@themail.com**	**100**

Example 12:
In 2010, a person manufactured a substance (CAS RN 10114-58-6) then sold it to three companies in Canada for use as a formulation component. Customer information is required.

Example 13:
In 2010, a person imported a substance (CAS RN 10114-58-6) and distributed it as is to three companies in Canada. Customer information is required.

7.7- Section 9 of the notice

For each substance listed in Part 1 and Part 2 of Schedule 1 of the notice that was manufactured or imported, whether in a manufactured item intended for use by or for children, alone, in a product, or in a mixture during the 2010 calendar year, list the applicable Consumer and Commercial Code(s) (set out in section 13 to the notice), and for each Consumer and Commercial code, the quantity of the substance manufactured or imported in kilograms (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg), the concentration or range of concentrations of the substance by weight (w/w%) in the manufactured item intended for use by or for children, mixture, or product and the known or anticipated final substance, mixture, product, or manufactured item containing the substance.

The Consumer and Commercial Code reported should apply to the substance whether in a manufactured item intended for use by or for children, alone, in a product, or in a mixture.

Indicate whether any known or anticipated final substance, mixture, or manufactured item containing the substance is intended for use in commercial activities, for use in consumer activities, or for use by or for children.

When responding if the known or anticipated final substance, mixture, product, or manufactured item containing the reportable substance is intended for use by or for children, the following guidance can be considered:

> In the spirit of harmonization with the U.S. EPA TSCA Inventory Update Reporting, for the purposes of this survey only, "children" are defined as the age of 14 or younger. Your chemical substance, manufactured item mixture, or product is intended to be used by children when you answer "yes" to at least one of the following questions:
>
> 1. Is the substance, mixture, product, or manufactured item commonly recognized (i.e., by a reasonable person) as being intended for children age 14 or younger?
>
> 2. Does the manufacturer of the substance, mixture, product, or manufactured item state through product labeling or other written materials that the product is intended for or will be used by children age 14 or younger?
>
> 3. Is the advertising, promotion, or marketing of the product aimed at children age 14 or younger?

For example, among other items, certain products such as crayons, coloring books, diapers, and toy cars are typically to be used by children age 14 or younger. Certain products such as household cleaning products, automotive supplies, and lubricants are not typically intended to be used by children age 14 or younger.

Example 14:

In 2010, a person imported a substance (CAS RN 29706-48-7) which is a pigment that becomes part of product formulations or mixtures. The end products containing this substance are plastic containers (C303) and hand cream (C108). The concentration of the substances within the plastic containers and hand creams is 0.02% and 0.1%, respectively. Both products are intended for consumer activities and might be used by children. Of the total quantity imported (5137kg), 190 kg were used to make hand cream.

(*a*) CAS RN[1]	(*b*) Consumer and Commercial Code(s) that apply to the substance (set out in section 13)	(*c*) Quantity of the substance manufactured or imported for each Consumer and Commercial Code, reported	(d) Concentration or range of concentrations, of the substance by weight (w/w%) in the manufactured	(e) Known or anticipated final substance, mixture, product or manufactured item containing the substance	(*f*) Whether any known or anticipated final substance, mixture, product or manufactured	(*g*) Whether any known or anticipated final substance, mixture, product or manufactured	(*h*) Whether any known or anticipated final substance, mixture, product or manufactured

		in kg (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg)	item intended for use by or for children, mixture, or product containing the substance		item containing the substance is intended for use in commercial activities? (Indicate "yes" or "no")	item containing the substance is intended for use in consumer activities? (Indicate "yes" or "no")	item containing the substance is intended for use by or for children? (Indicate "yes" or "no")
29706-48-7	**C303**	**4900**	**0.02**	**Plastic containers**	**Yes**	**Yes**	**Yes**
	C108	**190**	**0.1**	**Hand cream**	**Yes**	**Yes**	**Yes**

7.8- Section 10 of the notice

For each substance of Unknown or Variable Composition, Complex Reaction Products or Biological Materials (UVCB) in **Part 2** of Schedule 1 of the notice, that was manufactured or imported, whether in a manufactured item intended for use by or for children, alone, in a product, or in a mixture and for the UVCB in **Part 4** of Schedule 1 of the notice, that was manufactured or imported, whether alone or in a mixture, during the 2010 calendar year, provide the chemical identity of the components of the substance, as well as the concentration of each component listed. Each component identified should at minimum level of specificity represent a distinct homologous group with a unique molecular formula and weight. Chemical identity is to be represented by CAS RN where known, otherwise a description can be provided.

Provide the supporting analytical data and methods used to identify the components, which may include chromatograms, spectral analyses (e.g. C or H-nuclear), nuclear magnetic resonance (NMR) spectra data, infrared or UV-VIS spectra data, mass spectra (MS) or atomic absorption spectra (AAS) data); and/or reference to peer reviewed articles supporting chemical identity and concentration information, or reference to industry or analytical standards such as the color index or ISO-Standards for essential oils.

When analytical information is submitted, ensure that sufficient detail of the methodology is provided such that concentration and/or chemical identity information may be interpreted from the information provided.

The person may wish to contact the supplier to obtain information on the chemical identity of the components of the substance. If the information is not available, the person can provide representative structures for the substance.

Example 15:

(a) CAS RN of the substance	(b) Chemical identity and CAS RN of the components of the substance	(c) Concentration, or range or concentrations, of each component of the substance (w/w% or v/v%)	(d) Supporting analytical data and methods used to identify the components
90432-08-9	**Component A**	**60% (w/w%)**	**UV-VIS spectra was used as per Smith et al. 1994. Supplementary data attached**
	Component B	**40% (w/w%)**	**UV-VIS spectra was used as per Smith et al. 1994. Supplementary data attached**

7.9- Section 11 of the notice

For each substance listed in Part 3 and Part 4 of Schedule 1 of the notice, that a person manufactured or imported, whether alone or in a mixture, during the 2010 calendar year, indicate the quantity of the substance manufactured or imported in kilograms (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg), the applicable North American Industry Classification System (NAICS) codes and the Consumer and Commercial codes.

Example 16:

In 2010, a person imported a substance (CAS RN 5102-83-0), which is a pigment. The substance is used to make plastic containers (C303) and hand cream (C108). Of the total quantity imported (5137kg), 190.5 kg were used to make hand cream. The company's activity with the substance is the manufacture of plastic containers which has the applicable NAICS code 326198 and preparation of personal care products which has the applicable code 325620.

(a) CAS RN	*(b)* Total quantity of the substance reported in kg (rounded to the nearest kg, if less than 1 000 kg; rounded to the nearest hundred kg, if greater than 1 000 kg)		*(c)* NAICS code(s)	*(d)* Consumer and Commercial Code(s) that apply to the substance (set out in section 13 of the notice)
	Manufactured in 2010	Imported in 2010		
5102-83-0		4900	326198	C303
5102-83-0		191	325620	C108

8. Information to which you may reasonably be expected to have access

You are required to provide information that your company possesses or to which you may reasonably be expected to have access. For example, when importing a manufactured item intended for use by or for children, substance, mixture, or product you may reasonably be expected to have access to import records and the relevant Material Safety Data Sheet (MSDS). An MSDS is an important source of information on the composition of a purchased product. Note that the goal of the MSDS is to protect the health of the workers, not the environment. Therefore, an MSDS may not list all product ingredients on which the Minister of the Environment is requiring information under the notice. You may wish to contact your supplier for more detailed information on product composition. Manufacturers would be reasonably expected to have access to their formulations.

Also, a company may have access to its parent company's information regarding substances, mixtures, products or manufactured items. You are not required to conduct tests to comply with this notice.

This notice is seeking to identify all persons with interest in or activity involving the substances listed in Schedule 1 of the notice. The goal is to ensure regulatory decisions are made considering all business activities in Canada.

9. How and to whom do I respond?

Responses to the notice must be submitted to the Minister of the Environment, to the attention of the Substances Management Coordinator. Responses can also be submitted electronically, using the online reporting tool available at: www.chemicalsubstanceschimiques.gc.ca/.

The form must be "Submitted" to transmit the data. To complete the submission, a signed paper copy of the completed section 71 notice must be received by the Substance Management Coordinator at:

By mail:
Substances Management Coordinator
Chemicals Management Plan
200 Sacré-Coeur Boulevard, 8th Floor
Gatineau, QC K1A 0H3

By courier:
Substances Management Coordinator
Chemicals Management Plan
200 Sacré-Coeur Boulevard, 8th Floor
Gatineau, QC J8X 4C6

Or fax the form to 819-953-7155

10. What is the deadline for responding?

Every person to whom the notice applies is required to comply with the notice no later than **April 16, 2012, 3 p.m. Eastern Daylight Saving Time**.

11. What if I need an extension?

As provided in subsection 71(4) of the Act, you may submit a written request for an extension of time to comply with the notice. The request for an extension should include the CAS RN of the substances on which information will be reported and provide a reason for the request. Address your request to the Minister of the Environment, to the attention of the Substances Management Coordinator, Chemicals Management Plan, 200 Sacré-Coeur Boulevard, 8th Floor, Gatineau, QC, K1A 0H3. You may send your request by mail, by fax at 819-953-7155 or by email at Substances@ec.gc.ca. Please note that you must request an extension of time before expiry of the **April 16, 2012, 3 p.m. Eastern Daylight Saving Time** deadline. No extensions will be granted after the deadline has expired. It is recommended that any request for an extension be submitted at least five business days before **April 16, 2012,** to allow for time to process the request by the Minister of the Environment prior to the deadline.

12. Inquiries - whom to contact

If you have an inquiry, please contact the Substances Management Information Line at the following numbers or email address:

- Telephone:
  800-567-1999 (toll-free in Canada) or 819-953-7156 (outside of Canada)
- Fax: 819-953-7155
- Email: Substances@ec.gc.ca

Annex 1

This is a list of generic trade names that could contain some of these substances. The trade names listed in the following table could contain one or more of the substances covered under this notice. If you are engaged with one of the trade names listed here, you may need to report on certain substances covered in the notice. Substances covered in this notice may not be represented in this non-exhaustive list.

It is important to note that this list is simply for guidance purposes. The information must be reported on a substance basis, based on the substances (i.e. for individual CAS RN) set out in Schedule 1 of the Notice.

When consulting the list of trade names, please also consider the following:

- It is not an exhaustive list;
- Trade names provided may not necessarily contain the substances being surveyed;
- Trade names provided often contain more than one substance.

If a person does not know the composition of the trade names they are engaged with, they may want to clarify composition information with their supplier(s).

Acid Black 24	Direct Blue 295	Oxidation Base 12
Acid Black 26	Direct Brown 95	Pigment Orange 36
Acid Blue 113	Direct Green 28	Pigment Red 48:2
Acid Brown 58	Direct Orange 26	Pigment Red 48:5
Acid Brown 75	Direct Orange 39	Pigment Red 49:1
Acid Brown 194	Direct Orange 72	Pigment Red 50:1
Acid Orange 7	Direct Red 2	Pigment Red 50:2
Acid Orange 33	Direct Red 4	Pigment Red 52:1
Acid Orange 56	Direct Red 26	Pigment Red 52:2
Acid Orange 156	Direct Red 31	Pigment Red 53:1
Acid Red 18	Direct Red 46	Pigment Red 63:1
Acid Red 27	Direct Red 62	Pigment Red 83:1
Acid Red 97	Direct Red 81 triethanolamine salt	Pigment Red 112
Acid Red 114	Direct Violet 51	Pigment Red 170
Acid Red 119	Direct Yellow 11	Pigment Red 177
Acid Red 128	Direct Yellow 11, lithium salt	Pigment Red 266
Acid Red 138	Direct Yellow 12	Pigment Red 268
Acid Violet 54	Direct Yellow 26	Pigment Yellow 1
Acid Violet 97	Direct Yellow 34	Pigment Yellow 3
Acid Yellow 23	Direct Yellow 50	Pigment Yellow 12
Acid Yellow 36	Disperse Black 6	Pigment Yellow 13
Azoic Coupling Component 3	Disperse Blue 79:1	Pigment Yellow 73
Azoic Diazo Component 37	Disperse Blue 94	Pigment Yellow 83
Basic Brown 1	Disperse Blue 125	Pigment Yellow 176
Developer 17	Disperse Brown 1	Reactive Black 5
Direct Blue 8	Food Black 2	Reactive Blue 225
Direct Blue 25	Food Red 7	Solvent Red 24
Direct Blue 71	Food Red 9	Solvent Red 33
Direct Blue 151	Food Yellow 4	Solvent Yellow 1
Direct Blue 158		