

## Appendix 1 – Alphabetical Listing of NPRI Substances for 2001

The substances are listed in four parts as they appear in the 2001 *Canada Gazette* notice. **The changes in substance listings and the new substance added to the NPRI for 2001 are in bold lettering.** The reporting criteria for the substances listed in each Part differ and are explained in Step 1. Explanations of the footnotes and substance qualifiers are also provided in Step 1.

### Schedule 1, Part 1, Substances

NAME	CAS NO. <sup>1</sup>	NAME	CAS NO. <sup>1</sup>
Acetaldehyde	75-07-0	Calcium cyanamide	156-62-7
Acetonitrile	75-05-8	Calcium fluoride	7789-75-5
Acetophenone	98-86-2	Carbon disulphide	75-15-0
Acrolein	107-02-8	Carbon tetrachloride	56-23-5
Acrylamide	79-06-1	Catechol	120-80-9
Acrylic acid <sup>2</sup>	79-10-7	CFC-11	75-69-4
Acrylonitrile	107-13-1	CFC-12	75-71-8
Alkanes, C <sub>6-18</sub> , chloro	68920-70-7	CFC-13	75-72-9
Alkanes, C <sub>10-13</sub> , chloro	85535-84-8	CFC-114	76-14-2
Allyl alcohol	107-18-6	CFC-115	76-15-3
Allyl chloride	107-05-1	Chlorendic acid	115-28-6
Aluminum <sup>3</sup>	7429-90-5	Chlorine	7782-50-5
Aluminum oxide <sup>4</sup>	1344-28-1	Chlorine dioxide	10049-04-4
Ammonia (total) <sup>5</sup>	*	Chloroacetic acid <sup>2</sup>	79-11-8
Aniline <sup>2</sup>	62-53-3	Chlorobenzene	108-90-7
Anthracene	120-12-7	Chloroethane	75-00-3
Antimony <sup>6</sup>	*	Chloroform	67-66-3
Arsenic <sup>6</sup>	*	Chloromethane	74-87-3
Asbestos <sup>7</sup>	1332-21-4	3-Chloro-2-methyl-1-propene	563-47-3
Benzene	71-43-2	3-Chloropropionitrile	542-76-7
Benzoyl chloride	98-88-4	Chromium <sup>6</sup>	*
Benzoyl peroxide	94-36-0	Cobalt <sup>6</sup>	*
Benzyl chloride	100-44-7	Copper <sup>6</sup>	*
Biphenyl	92-52-4	<b>Cresol</b> <sup>2,8</sup>	<b>1319-77-3</b>
<i>Bis</i> (2-ethylhexyl) adipate	103-23-1	Crotonaldehyde	4170-30-3
<i>Bis</i> (2-ethylhexyl) phthalate	117-81-7	Cumene	98-82-8
Boron trifluoride	7637-07-2	Cumene hydroperoxide	80-15-9
Bromine	7726-95-6	Cyanides <sup>9</sup>	*
1-Bromo-2-chloroethane	107-04-0	Cyclohexane	110-82-7
Bromomethane	74-83-9	Cyclohexanol	108-93-0
1,3-Butadiene	106-99-0	Decabromodiphenyl oxide	1163-19-5
2-Butoxyethanol	111-76-2	2,4-Diaminotoluene <sup>2</sup>	95-80-7
Butyl acrylate	141-32-2	2,6-Di- <i>t</i> -butyl-4-methylphenol	128-37-0
<i>i</i> -Butyl alcohol	78-83-1	Dibutyl phthalate	84-74-2
<i>n</i> -Butyl alcohol	71-36-3	<i>o</i> -Dichlorobenzene	95-50-1
<i>sec</i> -Butyl alcohol	78-92-2	<i>p</i> -Dichlorobenzene	106-46-7
<i>tert</i> -Butyl alcohol	75-65-0	3,3'-Dichlorobenzidine dihydrochloride	612-83-9
Butyl benzyl phthalate	85-68-7	1,2-Dichloroethane	107-06-2
1,2-Butylene oxide	106-88-7	Dichloromethane	75-09-2
Butyraldehyde	123-72-8	2,4-Dichlorophenol <sup>2</sup>	120-83-2
C.I. Acid Green 3	4680-78-8	1,2-Dichloropropane	78-87-5
C.I. Basic Green 4	569-64-2	Dicyclopentadiene	77-73-6
C.I. Basic Red 1	989-38-8	Diethanolamine <sup>2</sup>	111-42-2
C.I. Direct Blue 218	28407-37-6	Diethyl phthalate	84-66-2
C.I. Disperse Yellow 3	2832-40-8	Diethyl sulphate	64-67-5
C.I. Food Red 15	81-88-9	Dimethylamine	124-40-3
C.I. Solvent Orange 7	3118-97-6	<i>N,N</i> -Dimethylaniline <sup>2</sup>	121-69-7
C.I. Solvent Yellow 14	842-07-9	<b><i>N,N</i>-Dimethylformamide</b>	<b>68-12-2</b>
Cadmium <sup>6</sup>	*	Dimethyl phenol	1300-71-6

NAME	CAS NO. <sup>1</sup>	NAME	CAS NO. <sup>1</sup>
Dimethyl phthalate	131-11-3	1,1-Methylenebis(4-isocyanatocyclohexane)	5124-30-1
Dimethyl sulphate	77-78-1	Methylenebis(phenylisocyanate)	101-68-8
4,6-Dinitro- <i>o</i> -cresol <sup>2</sup>	534-52-1	<i>p,p'</i> -Methylenedianiline	101-77-9
2,4-Dinitrotoluene	121-14-2	Methyl ethyl ketone	78-93-3
2,6-Dinitrotoluene	606-20-2	Methyl iodide	74-88-4
Dinitrotoluene <sup>10</sup>	25321-14-6	Methyl isobutyl ketone	108-10-1
Di- <i>n</i> -octyl phthalate	117-84-0	Methyl methacrylate	80-62-6
1,4-Dioxane	123-91-1	N-Methylolacrylamide	924-42-5
Diphenylamine	122-39-4	2-Methylpyridine	109-06-8
Epichlorohydrin	106-89-8	N-Methyl-2-pyrrolidone	872-50-4
2-Ethoxyethanol	110-80-5	Michler's ketone <sup>2</sup>	90-94-8
2-Ethoxyethyl acetate	111-15-9	Molybdenum trioxide	1313-27-5
Ethoxynonyl benzene	28679-13-2	Naphthalene	91-20-3
Ethyl acrylate	140-88-5	Nickel <sup>6</sup>	*
Ethylbenzene	100-41-4	Nitrate ion <sup>15</sup>	*
Ethyl chloroformate	541-41-3	Nitric acid	7697-37-2
Ethylene	74-85-1	Nitrilotriacetic acid <sup>2</sup>	139-13-9
Ethylene glycol	107-21-1	<i>p</i> -Nitroaniline	100-01-6
Ethylene oxide	75-21-8	Nitrobenzene	98-95-3
Ethylene thiourea	96-45-7	Nitroglycerin	55-63-0
Fluorine	7782-41-4	<i>p</i> -Nitrophenol <sup>2</sup>	100-02-7
Formaldehyde	50-00-0	2-Nitropropane	79-46-9
Formic acid	64-18-6	N-Nitrosodiphenylamine	86-30-6
Halon 1211	353-59-3	Nonylphenol	104-40-5
Halon 1301	75-63-8	Nonylphenol hepta(oxyethylene) ethanol	27177-05-5
HCFC-22	75-45-6	Nonylphenol, industrial	84852-15-3
HCFC-122 and all isomers <sup>11</sup>	41834-16-6	Nonylphenol nona(oxyethylene) ethanol	27177-08-8
HCFC-123 and all isomers <sup>12</sup>	34077-87-7	<i>n</i> -Nonylphenol <sup>10</sup>	25154-52-3
HCFC 124 and all isomers <sup>13</sup>	63938-10-3	Nonylphenol polyethylene glycol ether	9016-45-9
HCFC-141b	1717-00-6	<i>p</i> -Nonylphenol polyethylene glycol ether	26027-38-3
HCFC-142b	75-68-3	Nonylphenoxy ethanol	27986-36-3
Hexachlorocyclopentadiene	77-47-4	2-( <i>p</i> -Nonylphenoxy) ethanol	104-35-8
Hexachloroethane	67-72-1	2-(2-( <i>p</i> -Nonylphenoxy)ethoxy) ethanol	20427-84-3
Hexachlorophene	70-30-4	2-(2-(2-( <i>p</i> -Nonylphenoxy)ethoxy)ethoxy)ethoxy ethanol	7311-27-5
<i>n</i> -Hexane	110-54-3	4- <i>tert</i> -octylphenol	140-66-9
Hydrazine <sup>2</sup>	302-01-2	Oxirane, methyl-, polymer with oxirane, mono(nonylphenyl)ether	37251-69-7
Hydrochloric acid	7647-01-0	Paraldehyde	123-63-7
Hydrogen cyanide	74-90-8	Pentachloroethane	76-01-7
Hydrogen fluoride	7664-39-3	Peracetic acid <sup>2</sup>	79-21-0
Hydrogen sulphide	7783-06-4	Phenol <sup>2</sup>	108-95-2
Hydroquinone <sup>2</sup>	123-31-9	<i>p</i> -Phenylenediamine <sup>2</sup>	106-50-3
Iron pentacarbonyl	13463-40-6	<i>o</i> -Phenylphenol <sup>2</sup>	90-43-7
Isobutyraldehyde	78-84-2	Phosgene	75-44-5
Isophorone diisocyanate	4098-71-9	Phosphorus <sup>16</sup>	7723-14-0
Isoprene	78-79-5	Phthalic anhydride	85-44-9
Isopropyl alcohol	67-63-0	Polymeric diphenylmethane diisocyanate	9016-87-9
<i>p,p'</i> -Isopropylidenediphenol	80-05-7	Potassium bromate	7758-01-2
Isosafrole	120-58-1	Propargyl alcohol	107-19-7
Lead <sup>6, 14</sup>	*	Propionaldehyde	123-38-6
Lithium carbonate	554-13-2	Propylene	115-07-1
Maleic anhydride	108-31-6	Propylene oxide	75-56-9
Manganese <sup>6</sup>	*	Pyridine <sup>2</sup>	110-86-1
2-Mercaptobenzothiazole	149-30-4	Quinoline <sup>2</sup>	91-22-5
Methanol	67-56-1	<i>p</i> -Quinone	106-51-4
2-Methoxyethanol	109-86-4	Safrole	94-59-7
2-Methoxyethyl acetate	110-49-6	Selenium <sup>6</sup>	*
Methyl acrylate	96-33-3	Silver <sup>6</sup>	*
Methyl <i>tert</i> -butyl ether	1634-04-4		
<i>p,p'</i> -Methylenebis(2-chloroaniline)	101-14-4		

NAME	CAS NO. <sup>1</sup>	NAME	CAS NO. <sup>1</sup>
Sodium fluoride	7681-49-4	Toluene-2,6-diisocyanate	91-08-7
Sodium nitrite	7632-00-0	Toluenediisocyanate <sup>10</sup>	26471-62-5
Styrene	100-42-5	1,2,4-Trichlorobenzene	120-82-1
Styrene oxide	96-09-3	1,1,2-Trichloroethane	79-00-5
Sulphur hexafluoride	2551-62-4	Trichloroethylene	79-01-6
Sulphuric acid	7664-93-9	Triethylamine	121-44-8
1,1,1,2-Tetrachloroethane	630-20-6	1,2,4-Trimethylbenzene	95-63-6
1,1,2,2-Tetrachloroethane	79-34-5	2,2,4-Trimethylhexamethylene diisocyanate	16938-22-0
Tetrachloroethylene	127-18-4	2,4,4-Trimethylhexamethylene diisocyanate	15646-96-5
Tetracycline hydrochloride	64-75-5	<b>Vanadium</b> <sup>17</sup>	<b>7440-62-2</b>
Tetraethyl lead	78-00-2	Vinyl acetate	108-05-4
Thiourea	62-56-6	Vinyl chloride	75-01-4
Thorium dioxide	1314-20-1	Vinylidene chloride	75-35-4
Titanium tetrachloride	7550-45-0	Xylene <sup>18</sup>	1330-20-7
Toluene	108-88-3	Zinc <sup>6</sup>	*
Toluene-2,4-diisocyanate	584-84-9		

**[See Step 1 for an explanation of these qualifiers.]**

- \* No single CAS number applies to this NPRI listing.
- 1 CAS Registry Number denotes the Chemical Abstracts Service Registry Number, as appropriate.
- 2 “and its salts” – The CAS number corresponds to the weak acid or base. However, the NPRI listing includes the salts of these weak acids and bases. When calculating the weight of these substances and their salts, use the molecular weight of the acid or base, not the total weight of the salt.
- 3 “fume or dust”
- 4 “fibrous forms”
- 5 “Ammonia (total)” means the total of both of ammonia (NH<sub>3</sub> – CAS No. 7664-41-7) and the ammonium ion (NH<sub>4</sub><sup>+</sup>) in solution.
- 6 “and its compounds”
- 7 “friable form”
- 8 “all isomers” including, but not limited to, the individual isomers of cresol: *m*-cresol (CAS No. 108-39-4), *o*-cresol (CAS No. 95-48-7) and *p*-cresol (CAS No. 106-44-5)
- 9 “ionic”
- 10 “mixed isomers”
- 11 The isomers include, but are not necessarily limited to, HCFC-122 (CAS No. 354-21-2).
- 12 The isomers include, but are not necessarily limited to, HCFC-123 (CAS No. 306-83-2) and HCFC 123a (CAS No. 90454-18-5).
- 13 The isomers include, but are not necessarily limited to, HCFC 124 (CAS No. 2837-89-0), and HCFC 124a (CAS No. 354-25-6).
- 14 This substance does not include tetraethyl lead (CAS No. 78-00-2)
- 15 “in solution at a pH of 6.0 or greater”
- 16 “yellow or white”
- 17 “(except when in an alloy) and its compounds”
- 18 “all isomers” including, but not limited to, the individual isomers of xylene: *m*-xylene (CAS No. 108-38-3), *o*-xylene (CAS No. 95-47-6) and *p*-xylene (CAS No. 106-42-3).

**SCHEDULE 1, PART 2, SUBSTANCES**

NAME	CAS NO. <sup>1</sup>
Mercury <sup>6</sup>	*

## SCHEDULE 1, PART 3, SUBSTANCES

NAME	CAS NO. <sup>1</sup>	NAME	CAS NO. <sup>1</sup>
Benzo(a)anthracene	56-55-3	Dibenzo(a,h)anthracene	53-70-3
Benzo(a)phenanthrene	218-01-9	Dibenzo(a,i)pyrene	189-55-9
Benzo(a)pyrene	50-32-8	7H-Dibenzo(c,g)carbazole	194-59-2
Benzo(b)fluoranthene	205-99-2	Fluoranthene	206-44-0
Benzo(e)pyrene	192-97-2	Indeno(1,2,3-c,d)pyrene	193-39-5
Benzo(g,h,i)perylene	191-24-2	Perylene	198-55-0
Benzo(j)fluoranthene	205-82-3	Phenanthrene	85-01-8
Benzo(k)fluoranthene	207-08-9	Pyrene	129-00-0
Dibenz(a,j)acridine	224-42-0		

## SCHEDULE 1, PART 4, SUBSTANCES

NAME	CAS NO. <sup>1</sup>	NAME	CAS NO. <sup>1</sup>
Hexachlorobenzene	118-74-1	Polychlorinated dibenzo- <i>p</i> -dioxins and polychlorinated dibenzofurans <sup>19</sup>	*

**[See Steps 1 and 2 for an explanation of this footnote.]**

19 This class of substances is restricted to the following congeners:

- 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (1746-01-6);
- 1,2,3,7,8-Pentachlorodibenzo-*p*-dioxin (40321-76-4);
- 1,2,3,4,7,8-Hexachlorodibenzo-*p*-dioxin (39227-28-6);
- 1,2,3,7,8,9-Hexachlorodibenzo-*p*-dioxin (19408-74-3);
- 1,2,3,6,7,8-Hexachlorodibenzo-*p*-dioxin (57653-85-7);
- 1,2,3,4,6,7,8-Heptachlorodibenzo-*p*-dioxin (35822-46-9);
- Octachlorodibenzo-*p*-dioxin (3268-87-9);
- 2,3,7,8-Tetrachlorodibenzofuran (51207-31-9);
- 2,3,4,7,8-Pentachlorodibenzofuran (57117-31-4);
- 1,2,3,7,8-Pentachlorodibenzofuran (57117-41-6);
- 1,2,3,4,7,8-Hexachlorodibenzofuran (70648-26-9);
- 1,2,3,7,8,9-Hexachlorodibenzofuran (72918-21-9);
- 1,2,3,6,7,8-Hexachlorodibenzofuran (57117-44-9);
- 2,3,4,6,7,8-Hexachlorodibenzofuran (60851-34-5);
- 1,2,3,4,6,7,8-Heptachlorodibenzofuran (67562-39-4);
- 1,2,3,4,7,8,9-Heptachlorodibenzofuran (55673-89-7); and
- Octachlorodibenzofuran (39001-02-0).

## Appendix 2 – NPRI Substances for 2001, Listed by Chemical Abstracts Service Registry Number

The changes in substance listings and the new substance added to the NPRI for 2001 are in bold lettering. Explanations of the footnotes and substance qualifiers are provided in Step 1.

NAME	CAS No. <sup>1</sup>	NAME	CAS No. <sup>1</sup>
Ammonia (total) <sup>2</sup>	*	Phosgene	75-44-5
Antimony <sup>3</sup>	*	HCFC-22	75-45-6
Arsenic <sup>3</sup>	*	Propylene oxide	75-56-9
Cadmium <sup>3</sup>	*	Halon 1301	75-63-8
Chromium <sup>3</sup>	*	<i>tert</i> -Butyl alcohol	75-65-0
Cobalt <sup>3</sup>	*	HCFC-142b	75-68-3
Copper <sup>3</sup>	*	CFC-11	75-69-4
Cyanides <sup>4</sup>	*	CFC-12	75-71-8
Lead <sup>3</sup>	*	CFC-13	75-72-9
Manganese <sup>3</sup>	*	Pentachloroethane	76-01-7
Mercury <sup>3</sup>	*	CFC-114	76-14-2
Nickel <sup>3</sup>	*	CFC-115	76-15-3
Nitrate ion <sup>5</sup>	*	Hexachlorocyclopentadiene	77-47-4
Polychlorinated dibenzo- <i>p</i> -dioxins and polychlorinated dibenzofurans <sup>6</sup>	*	Dicyclopentadiene	77-73-6
Selenium <sup>3</sup>	*	Dimethyl sulphate	77-78-1
Silver <sup>3</sup>	*	Tetraethyl lead	78-00-2
Zinc <sup>3</sup>	*	Isoprene	78-79-5
Formaldehyde	50-00-0	<i>i</i> -Butyl alcohol	78-83-1
Benzo(a)pyrene	50-32-8	Isobutyraldehyde	78-84-2
Dibenzo(a,h)anthracene	53-70-3	1,2-Dichloropropane	78-87-5
Nitroglycerin	55-63-0	<i>sec</i> -Butyl alcohol	78-92-2
Carbon tetrachloride	56-23-5	Methyl ethyl ketone	78-93-3
Benzo(a)anthracene	56-55-3	1,1,2-Trichloroethane	79-00-5
Aniline <sup>7</sup>	62-53-3	Trichloroethylene	79-01-6
Thiourea	62-56-6	Acrylamide	79-06-1
Formic acid	64-18-6	Acrylic acid <sup>7</sup>	79-10-7
Diethyl sulphate	64-67-5	Chloroacetic acid <sup>7</sup>	79-11-8
Tetracycline hydrochloride	64-75-5	Peracetic acid <sup>7</sup>	79-21-0
Methanol	67-56-1	1,1,2,2-Tetrachloroethane	79-34-5
Isopropyl alcohol	67-63-0	2-Nitropropane	79-46-9
Chloroform	67-66-3	<i>p,p'</i> -Isopropylidenediphenol	80-05-7
Hexachloroethane	67-72-1	Cumene hydroperoxide	80-15-9
<b>N,N-Dimethylformamide</b>	<b>68-12-2</b>	Methyl methacrylate	80-62-6
Hexachlorophene	70-30-4	C.I. Food Red 15	81-88-9
<i>n</i> -Butyl alcohol	71-36-3	Diethyl phthalate	84-66-2
Benzene	71-43-2	Dibutyl phthalate	84-74-2
Bromomethane	74-83-9	Phenanthrene	85-01-8
Ethylene	74-85-1	Phthalic anhydride	85-44-9
Chloromethane	74-87-3	Butyl benzyl phthalate	85-68-7
Methyl iodide	74-88-4	N-Nitrosodiphenylamine	86-30-6
Hydrogen cyanide	74-90-8	<i>o</i> -Phenylphenol <sup>7</sup>	90-43-7
Chloroethane	75-00-3	Michler's ketone <sup>7</sup>	90-94-8
Vinyl chloride	75-01-4	Toluene-2,6-diisocyanate	91-08-7
Acetonitrile	75-05-8	Naphthalene	91-20-3
Acetaldehyde	75-07-0	Quinoline <sup>7</sup>	91-22-5
Dichloromethane	75-09-2	Biphenyl	92-52-4
Carbon disulphide	75-15-0	Safrole	94-36-0
Ethylene oxide	75-21-8	<i>o</i> -Dichlorobenzene	95-50-1
Vinylidene chloride	75-35-4	1,2,4-Trimethylbenzene	95-63-6

NAME	CAS No. <sup>1</sup>	NAME	CAS No. <sup>1</sup>
2,4-Diaminotoluene <sup>7</sup>	95-80-7	2,4-Dichlorophenol <sup>7</sup>	120-83-2
Styrene oxide	96-09-3	2,4-Dinitrotoluene	121-14-2
Methyl acrylate	96-33-3	Triethylamine	121-44-8
Ethylene thiourea	96-45-7	N,N-Dimethylaniline <sup>7</sup>	121-69-7
Cumene	98-82-8	Diphenylamine	122-39-4
Acetophenone	98-86-2	Hydroquinone <sup>7</sup>	123-31-9
Benzoyl chloride	98-88-4	Propionaldehyde	123-38-6
Nitrobenzene	98-95-3	Paraldehyde	123-63-7
<i>p</i> -Nitroaniline	100-01-6	Butyraldehyde	123-72-8
<i>p</i> -Nitrophenol <sup>7</sup>	100-02-7	1,4-Dioxane	123-91-1
Ethylbenzene	100-41-4	Dimethylamine	124-40-3
Styrene	100-42-5	Tetrachloroethylene	127-18-4
Benzyl chloride	100-44-7	2,6-Di- <i>t</i> -butyl-4-methylphenol	128-37-0
<i>p,p'</i> -Methylenebis(2-chloroaniline)	101-14-4	Pyrene	129-00-0
Methylenebis(phenylisocyanate)	101-68-8	Dimethyl phthalate	131-11-3
<i>p,p'</i> -Methylenedianiline	101-77-9	Nitrilotriacetic acid <sup>7</sup>	139-13-9
Bis(2-ethylhexyl) adipate	103-23-1	4- <i>tert</i> -octylphenol	140-66-9
2-( <i>p</i> -Nonylphenoxy) ethanol	104-35-8	Ethyl acrylate	140-88-5
Nonylphenol	104-40-5	Butyl acrylate	141-32-2
<i>p</i> -Dichlorobenzene	106-46-7	2-Mercaptobenzothiazole	149-30-4
<i>p</i> -Phenylenediamine <sup>7</sup>	106-50-3	Calcium cyanamide	156-62-7
<i>p</i> -Quinone	106-51-4	Dibenzo(a,i)pyrene	189-55-9
1,2-Butylene oxide	106-88-7	Benzo(g,h,i)perylene	191-24-2
Epichlorohydrin	106-89-8	Benzo(e)pyrene	192-97-2
1,3-Butadiene	106-99-0	Indeno(1,2,3-c,d)pyrene	193-39-5
Acrolein	107-02-8	7H-Dibenzo(c,g)carbazole	194-59-2
1-Bromo-2-chloroethane	107-04-0	Perylene	198-55-0
Allyl chloride	107-05-1	Benzo(j)fluoranthene	205-82-3
1,2-Dichloroethane	107-06-2	Benzo(b)fluoranthene	205-99-2
Acrylonitrile	107-13-1	Fluoranthene	206-44-0
Allyl alcohol	107-18-6	Benzo(k)fluoranthene	207-08-9
Propargyl alcohol	107-19-7	Benzo(a)phenanthrene	218-01-9
Ethylene glycol	107-21-1	Dibenz(a,j)acridine	224-42-0
Vinyl acetate	108-05-4	Hydrazine <sup>7</sup>	302-01-2
Methyl isobutyl ketone	108-10-1	Halon 1211	353-59-3
Maleic anhydride	108-31-6	4,6-Dinitro- <i>o</i> -cresol <sup>7</sup>	534-52-1
Toluene	108-88-3	Ethyl chloroformate	541-41-3
Chlorobenzene	108-90-7	3-Chloropropionitrile	542-76-7
Cyclohexanol	108-93-0	Lithium carbonate	554-13-2
Phenol <sup>7</sup>	108-95-2	3-Chloro-2-methyl-1-propene	563-47-3
2-Methylpyridine	109-06-8	C.I. Basic Green 4	569-64-2
2-Methoxyethanol	109-86-4	Toluene-2,4-diisocyanate	584-84-9
2-Methoxyethyl acetate	110-49-6	2,6-Dinitrotoluene	606-20-2
<i>n</i> -Hexane	110-54-3	3,3'-Dichlorobenzidine dihydrochloride	612-83-9
2-Ethoxyethanol	110-80-5	1,1,1,2-Tetrachloroethane	630-20-6
Cyclohexane	110-82-7	C.I. Solvent Yellow 14	842-07-9
Pyridine <sup>7</sup>	110-86-1	N-Methyl-2-pyrrolidone	872-50-4
2-Ethoxyethyl acetate	111-15-9	N-Methylolacrylamide	924-42-5
Diethanolamine <sup>7</sup>	111-42-2	C.I. Basic Red 1	989-38-8
2-Butoxyethanol	111-76-2	Decabromodiphenyl oxide	1163-19-5
Propylene	115-07-1	Dimethyl phenol	1300-71-6
Chlorendic acid	115-28-6	Molybdenum trioxide	1313-27-5
Bis(2-ethylhexyl) phthalate	117-81-7	Thorium dioxide	1314-20-1
Di- <i>n</i> -octyl phthalate	117-84-0	Cresol <sup>7,8</sup>	1319-77-3
Hexachlorobenzene	118-74-1	Xylene <sup>9</sup>	1330-20-7
Anthracene	120-12-7	Asbestos <sup>10</sup>	1332-21-4
Isosafrole	120-58-1	Aluminum oxide <sup>11</sup>	1344-28-1
Catechol	120-80-9	Methyl <i>tert</i> -butyl ether	1634-04-4
1,2,4-Trichlorobenzene	120-82-1	HCFC-141b	1717-00-6

NAME	CAS No. <sup>1</sup>	NAME	CAS No. <sup>1</sup>
Sulphur hexafluoride	2551-62-4	Calcium fluoride	7789-75-5
C.I. Disperse Yellow 3	2832-40-8	Nonylphenol polyethylene glycol ether	9016-45-9
C.I. Solvent Orange 7	3118-97-6	Polymeric diphenylmethane diisocyanate	9016-87-9
Isophorone diisocyanate	4098-71-9	Chlorine dioxide	10049-04-4
Crotonaldehyde	4170-30-3	Iron pentacarbonyl	13463-40-6
C.I. Acid Green 3	4680-78-8	2,4,4-Trimethylhexamethylene diisocyanate	15646-96-5
1,1-Methylenebis(4-isocyanatocyclohexane)	5124-30-1	2,2,4-Trimethylhexamethylene diisocyanate	16938-22-0
2-(2-(2-(2-( <i>p</i> -Nonylphenoxy)ethoxy)ethoxy)ethoxy) ethanol	7311-27-5	2-(2-( <i>p</i> -Nonylphenoxy)ethoxy) ethanol	20427-84-3
Aluminum <sup>12</sup>	7429-90-5	<i>n</i> -Nonylphenol <sup>15</sup>	25154-52-3
<b>Vanadium</b> <sup>13</sup>	<b>7440-62-2</b>	Dinitrotoluene <sup>15</sup>	25321-14-6
Titanium tetrachloride	7550-45-0	<i>p</i> -Nonylphenol polyethylene glycol ether	26027-38-3
Sodium nitrite	7632-00-0	Toluenediisocyanate <sup>15</sup>	26471-62-5
Boron trifluoride	7637-07-2	Nonylphenol hepta(oxyethylene) ethanol	27177-05-5
Hydrochloric acid	7647-01-0	Nonylphenol nona(oxyethylene) ethanol	27177-08-8
Hydrogen fluoride	7664-39-3	Nonylphenoxy ethanol	27986-36-3
Sulphuric acid	7664-93-9	C.I. Direct Blue 218	28407-37-6
Sodium fluoride	7681-49-4	Ethoxynonyl benzene	28679-13-2
Nitric acid	7697-37-2	HCFC-123 and all isomers <sup>16</sup>	34077-87-7
Phosphorus <sup>14</sup>	7723-14-0	Oxirane, methyl-, polymer with oxirane, mono(nonylphenyl)ether	37251-69-7
Bromine	7726-95-6	HCFC-122 and all isomers <sup>17</sup>	41834-16-6
Potassium bromate	7758-01-2	HCFC 124 and all isomers <sup>18</sup>	63938-10-3
Fluorine	7782-41-4	Alkanes, C <sub>6-18</sub> , chloro	68920-70-7
Chlorine	7782-50-5	Nonylphenol, industrial	84852-15-3
Hydrogen sulphide	7783-06-4	Alkanes, C <sub>10-13</sub> , chloro	85535-84-8

**[See Step 1 for an explanation of the footnotes and substance qualifiers.]**

- \* No single CAS number applies to this NPRI listing.
- 1 CAS Registry Number denotes the Chemical Abstracts Service Registry Number, as appropriate.
- 2 "Ammonia (total)" means the total of both of ammonia (NH<sub>3</sub> – CAS No. 7664-41-7) and the ammonium ion (NH<sub>4</sub><sup>+</sup>) in solution.
- 3 "and its compounds"
- 4 "ionic"
- 5 "in solution at a pH of 6.0 or greater"
- 6 This class of substances is restricted to the following congeners:  
 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (1746-01-6);  
 1,2,3,7,8-Pentachlorodibenzo-*p*-dioxin (40321-76-4);  
 1,2,3,4,7,8-Hexachlorodibenzo-*p*-dioxin (39227-28-6);  
 1,2,3,7,8,9-Hexachlorodibenzo-*p*-dioxin (19408-74-3);  
 1,2,3,6,7,8-Hexachlorodibenzo-*p*-dioxin (57653-85-7);  
 1,2,3,4,6,7,8-Heptachlorodibenzo-*p*-dioxin (35822-46-9);  
 Octachlorodibenzo-*p*-dioxin (3268-87-9);  
 2,3,7,8-Tetrachlorodibenzofuran (51207-31-9);  
 2,3,4,7,8-Pentachlorodibenzofuran (57117-31-4);  
 1,2,3,7,8-Pentachlorodibenzofuran (57117-41-6);  
 1,2,3,4,7,8-Hexachlorodibenzofuran (70648-26-9);  
 1,2,3,7,8,9-Hexachlorodibenzofuran (72918-21-9);  
 1,2,3,6,7,8-Hexachlorodibenzofuran (57117-44-9);  
 2,3,4,6,7,8-Hexachlorodibenzofuran (60851-34-5);  
 1,2,3,4,6,7,8-Heptachlorodibenzofuran (67562-39-4);  
 1,2,3,4,7,8,9-Heptachlorodibenzofuran (55673-89-7); and  
 Octachlorodibenzofuran (39001-02-0).
- 7 "and its salts" – The CAS number corresponds to the weak acid or base. However, the NPRI listing includes the salts of these weak acids and bases. When calculating the weight of these substances and their salts, use the molecular weight of the acid or base, not the total weight of the salt.
- 8 "all isomers" including, but not limited to, the individual isomers of cresol: *m*-cresol (CAS No. 108-39-4), *o*-cresol (CAS No. 95-48-7) and *p*-cresol (CAS No. 106-44-5).
- 9 "all isomers" including, but not limited to, the individual isomers of xylene: *m*-xylene (CAS No. 108-38-3), *o*-xylene (CAS No. 95-47-6) and *p*-xylene (CAS No. 106-42-3).
- 10 "friable form"
- 11 "fibrous forms"
- 12 "fume or dust"
- 13 "(except when in an alloy) and its compounds"
- 14 "yellow or white"
- 15 "mixed isomers"
- 16 The isomers include, but are not necessarily limited to, HCFC-123 (CAS No. 306-83-2) and HCFC 123a (CAS No. 90454-18-5).
- 17 The isomers include, but are not necessarily limited to, HCFC-122 (CAS No. 354-21-2).
- 18 The isomers include, but are not necessarily limited to, HCFC 124 (CAS No. 2837-89-0) and HCFC 124a (CAS No. 354-25-6).