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BLG/Circ.13  
16 May 2003

**HAZARD EVALUATION OF SUBSTANCES TRANSPORTED BY SHIPS**  
**GESAMP/EHS Composite List of Hazard Profiles, 2003**

Attached hereto for the information of Governments is a latest Composite List of the Hazard Profiles of products transported both in bulk and in packaged form by Ships, 2003<sup>1</sup>.

The work related to the evaluation of substances carried by ships started in late 1971, in the course of preparing for the 1973 International Conference on Marine Pollution. After that Conference the Marine Environment Protection Committee (MEPC) recognized that the evaluation of the hazards of substances carried by ships would be a continuous task and requested the assistance of GESAMP, which agreed to consider all shipborne substances with the exception of oils (as defined by Annex I of the International Convention for the Prevention of Pollution from Ships, 1973 and the Protocol of 1978 relating thereto (MARPOL 73/78)) and radioactive substances.

Since 1973 the GESAMP Working Group on the Evaluation of the Hazards of Harmful Substances Carried by Ships (EHS) has continued to evaluate additional substances and also revised the ratings of some of those already evaluated when new information has become available. In so doing, however, EHS took particular note that the hazard profiles had been prepared on the basis of the particular conditions and circumstances in which the substances might be expected to be discharged from ships. The hazard profiles should not, therefore, be used in the control of discharges from other sources, particularly continuous discharges into the sea from stationary outfalls. GESAMP stressed that this limitation should be made clear to users of the hazard profiles.

A comprehensive report containing a detailed description of the evaluation procedure used by the GESAMP Working Group was published in 1990 by IMO under the GESAMP Reports & Studies No 35 (R&S 35) and is available from the IMO Secretariat.

The attached GESAMP Hazard Profiles have been developed in accordance with the criteria described R&S 35.

However, it should be noted that the original hazard evaluation procedure, developed by GESAMP in the early 1970s, has since been reviewed, taking into account new scientific methodologies as well as the Globally Harmonized System for Classification and Labelling of Chemicals (GHS) which resulted from the United Nations Conference on Environment and Development (UNCED) on environmentally sound management of toxic chemicals (Agenda 21, chapter 19).

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<sup>1</sup> This attachment is available in English only.

As a result, R&S 35 has been superseded by Reports and Studies number 64 (R&S 64), which includes the new criteria and methodologies now being used to evaluate products transported at sea, which is also available from the IMO Secretariat.

It should be noted that EHS is in the process of finalizing the GESAMP Hazard Profiles of those products transported in bulk by sea and are subject to IMO's International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC). It is anticipated that these Hazard Profiles, which are more comprehensive than those attached, will be made available in 2004.

Any queries concerning the hazard profiles and requests for background information should be addressed to:

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# GESAMP/EHS COMPOSITE LIST

Sorted by Name

Last EHS meeting included: April/May 2003

Print Date: 16-May-03

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EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
11	Acetaldehyde	T	2	1	II	XX	Animal carcinogen	Feb-1994
1672	Acetaldehyde oxime	-	-	-	-	-		Feb-1994
13	Acetic acid	0	1	1	II	XX		Aug-2002
12	Acetic anhydride	0	1	1	II	XXX		Aug-2002
2047	Acetochlor (ISO)	0	4	1	II	XXX	Skin sensitizer; Aspiration hazard	Apr-2003
15	Acetone	0	0	1	I	X		Aug-2002
14	Acetone cyanohydrin	0	4	3	II	XX		Aug-2002
16	Acetonitrile	0	1	2	I	X		Aug-2002
17	Acetophenone	0	1	1	II	XX		Jan-1988
1714	Acetylacetone	0	1	1	I	X		Feb-1994
18	Acetyl bromide	0	(2)	(2)	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
19	Acetyl chloride	0	1	1	II	XX		Aug-1988
20	Acetyl iodide	0	(2)	(2)	II	XX		Feb-1994
287	Acetyl tributyl citrate	-	-	0	0	0		Nov-1986
21	Acid butyl phosphate	0	-	-	II	XX		Jun-1980
288	Acid mixtures (Hydrofluoric and Sulphuric)	0	2	3	II	XXX	Aspiration hazard	Feb-1997
289	Acid mixtures (nitrating acid)	0	2	2	II	X		Apr-2003
290	Acid mixtures, spent							Nov-1976
22	Acrolein	T	4	3	II	XXX	Lachrymator; High acute inhalation toxicity; Aspiration hazard	Feb-1997
1674	Acrolein dimer, stabilized	-	-	1	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
23	Acrylamide	0	2	2	II	XX		Aug-2002
291	Acrylate ester	0	3	2	II	XX		Feb-1985
24	Acrylic acid	0	4	2	II	XX		Aug-2002
292	Acrylic latex	0	(0)	0	0	XX		Jun-1980
25	Acrylonitrile	0	3	3	II	XXX		Aug-2002
1432	Acrylonitrile-styrene copolymer dispersion in polyether polyol (LOA)	0	1	0	0	X		Aug-2002
2188	ACTACLEAR 1700 Carrier Fluid (TN)	0	0	0	I	X		Apr-2003
26	Adiponitrile	0	1	3	I	XX		Aug-2002
1488	Alachlor (ISO)	0	4	1	I	XX		Aug-2002
293	Alcoholic beverages	0	0	0	0	0		Feb-1999
2198	Alcoholic silicasol	0	0	0	I	0		Feb-1999
1482	Alcohol(C12-C16) poly(20 and above)ethoxylates	0	2	1	I	X		Aug-2002
722	Alcohol(C6-C17)(secondary) poly(3-6)ethoxylate	0	4	1	0	0		Aug-2002
295	Alcohol(C6-C17)(secondary) poly(7-12)ethoxylate	0	4	1	0	0		Aug-2002
2094	Alcohol(C8-C11) poly(2.5-9)ethoxylates	0	3	1	I	X		Apr-2003
294	Alcohol(C12-C16) poly(1-6)ethoxylates	0	4	1	I	X		Aug-2002
1481	Alcohol(C12-C16) poly(7-19)ethoxylates	0	4	1	I	X		Aug-2002
2279	Alcohols (C8-C11)							Apr-2003
2039	Alcohols, C13 and above as individuals and mixtures	0	1	0	0	X		Aug-2002
2038	Alcohols, C10, C11, C12 as individuals and mixtures	0	3	1	0	X		May-1984

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
2041	Alcohols, C7, C8, C9 as individuals and mixtures	0	2	1	0	X		May-1984
2040	Alcohols, C4, C5, C6 mixtures	0	1	2	II	XX		
79	Aldicarb (ISO)	0	4	4	II	XXX	High percutaneous toxicity;ChE inhibitor	Feb-1997
27	Aldrin (ISO)	+	5	3	II	XXX	Animal carcinogen; High percutaneous toxicity; Convulsant	Feb-1997
2202	Alkanes (C6-C9)		3					Aug-2001
2203	Iso- and cyclo-alkanes (C10-C11)		0					Feb-1999
2204	Iso-and cyclo-alkanes (C12+)		0					Feb-1999
296	n-Alkanes (C10-C20)	0	0	(1)	0	0		Aug-2002
297	Alkane C1-C3 sulphonic acids	0	-	2	I	X		Nov-1976
334	Alkane (C14-C17) sulphonic acid, sodium salt	0	3	1	I	X		Apr-2002
2281	Alkaryl phosphate mixtures (>40% diphenyl tolyl phosphate, <0.02% ortho-isomers)							
1974	Alkaryl polyether (C9-C20) (LOA)	0	3	1	II	XX		Aug-2002
1894	Alkenyl acid, long chain, in xylene	0	2	1	I	X		Feb-1992
1858	Alkenylamide, long chain, more than C10	0	4	0	0	XX		Aug-2002
298	Alkenyl succinic anhydride	0	1	0	II	XX		Apr-2003
299	Alkyl acrylate/Vinyl pyridine copolymer in toluene	0	2	1	II	XX		Aug-2002
1433	Alkyl amine, alkenyl acid ester, mixture	0	1	1	I	XX		Aug-2002
2267	Alkylaryl phosphate mixtures (more than 40% Diphenyl tolyl phosphate, less than 0.02% ortho-isomers)							Apr-2003
2273	Alkylated phenols (C4-C9)	-	-	1	I	X		Apr-2003
300	Alkyl benzene distillation bottoms							
1872	Alkyl (C12-C15) benzene/indane/indene mixture	0	5	0	0	X		Apr-2003
2206	Alkyl (C3-C4) benzenes		3					Feb-1999
2207	Alkyl (C5-C8) benzenes		4					Feb-1999
1783	Alkyl benzenes, C9-C17 (straight or branched)	0	1	-	-	-		Aug-2002
1755	Alkyl benzenes C18-C65	0	0	0	I	X		Mar-1990
302	Alkyl(C11-C13)benzenesulphonates, branched chain	0	3	1	I	0		May-1996
2138	Alkylbenzenesulphonates, branched chain	0	(4)	1	I	0		May-1996
301	Alkyl(C11-C13)benzenesulphonates, straight chain	0	3	1	0	0		Feb-1999
2139	Alkylbenzenesulphonates, straight chain	0	(4)	1	0	0		May-1996
1489	Alkyl (C12 and C14) dimethylamine	0	4	1	II	XX		May-2001
2236	Alkyl dithiocarbamate (C19-C35)	0	1	0	0	0		May-2001
1981	Alkyl dithio thiazazole (C6-C24) (LOA)	0	1	0	0	X		Aug-2002
303	Alkylene amine mixtures	0	2	1	II	XX	Potent sensitizer	Oct-1985
1986	Alkyl(C4-C20) ester copolymer (LOA)	0	0	0	II	XX		Apr-2003
8	Alkyl (C7-C9) nitrates	Z	3	0	II	XX		Aug-2002
1985	Alkyl(C8-C40)phenol sulphide (LOA)	0	0	0	0	XX		Apr-2003
2096	Alkyl(C8-C9)phenylamine, in aromatic solvent (LOA)	T	3	2	II	XX		Apr-2003
2134	Alkyl[(C8-C10)/(C12-C14)];(<40%/>60%)polyglucoside mixture solution (max 55% active material)	0	3	1	I	0		Apr-2003
2135	Alkyl[(C8-C10)/(C12-C14)];(>60%/<40%)polyglucoside mixture solution (max 55% active material)	0	2	1	I	0		Apr-2003
2136	Alkyl(C8-C10)polyglucoside solution (max 65% active material)	0	2	1	I	0		Apr-2003
2133	Alkyl (C8-C10)/(C12-C14);(50%/50%) polyglucoside solution (55% or less)	0	2	1	I	0		Apr-2003

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
2137	Alkyl(C12-C14)polyglucoside solution (max 55% active material)	0	3	1	I	0		Apr-2003
1878	Alkylsulphonic acid ester of phenol (MESAMOLL)	0	0	0	0	0		Apr-2003
80	Allidochlor (ISO)	0	3	1	I	X		May-1987
1567	Allyl acetate	0	(3)	2	I	X		Feb-1992
28	Allyl alcohol	0	4	2	II	XXX		Aug-2002
1540	Allylamine	0	(3)	2	II	XX	Aspiration hazard	Feb-1997
29	Allyl chloroformate	0	-	2	II	XXX		Aug-1988
304	Allyl cyanide	-	-	-	-	-		
1568	Allyl ethyl ether	0	-	-	-	-		Feb-1994
1569	Allyl formate	0	(3)	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1675	Allyl glycidyl ether	0	2	2	II	XXX	Testicular toxicity; Lachrymator; Aspiration hazard	Feb-1997
31	Allyl isothiocyanate	0	(2)	2	II	XX	Aspiration hazard	Feb-1997
32	Allyl trichlorosilan (stabilised)	0	(1)	(1)	II	XX	Aspiration hazard	Feb-1997
305	Alphanol 79	0	2	(1)	0	X		Nov-1979
35	Alumina (calcined or pure)	0	0/D	0	0	0		Feb-1992
1908	Alumina silica	0	0/D	0	0	0		Feb-1992
59	Aluminium bromide	0	(1)	(2)	II	XXX		Jan-1988
56	Aluminium chloride, anhydrous	0	1	1	II	XXX		Jan-1988
336	Aluminium chloride/hydrogen chloride solution		3					Aug-2002
57	Aluminium chloride, solution	0	1	1	I	X		Jan-1988
1798	Aluminium dross	0	(1)	0	0	0		Feb-1992
1799	Aluminium ferro-silicon	0	0/D	-	-	-		Apr-1991
308	Aluminium nitrate	0	1	1	I	XX		Apr-1991
58	Aluminium phosphide	0	3	3	II	XX		Nov-1979
1801	Aluminium silicon	0	0/D	-	-	-		Apr-1991
2205	Aluminium sulphate solution		3					Aug-2002
306	Alum (solid or in solution up to 80%) (aluminium sulphate)	0	1	0	I	0		Jan-1988
307	4-Aminobiphenyl	0	-	1	II	XXX	Human carcinogen	Mar-1990
81	Aminocarb	0	4	3	II	XX		Feb-1997
75	2-(2-Aminoethoxy) ethanol	0	1	0	II	X		Aug-2002
68	Aminoethylethanolamine	0	1	1	I	0		Aug-2002
74	Aminoethylethanolamine/Aminoethyldiethanolamine solution	0	1	1	I	0		Aug-2002
88	N-Aminoethylpiperazine	0	1	1	II	XX		Aug-2002
89	2-Amino-2-(hydroxymethyl)-1,3-propanediol solution(40% or less)	0	0	0	0	0		Nov-2002
90	2-Amino-2-methyl-1-propanol	0	1	1	II	X		Feb-1999
91	Ammonia (anhydrous and aqueous, 28% or less)	0	3	1	I	X		Aug-2002
92	Ammonium arsenate	0	3	-	-	0		Feb-1992
1730	Ammonium bisulphite solution, greater than 15%	0	1	1	0	0		Apr-2003
2163	Ammonium dihydrogenphosphate	0	1	0	0	0		Feb-1998
93	Ammonium fluoride	0	2	3	I	X		Feb-1993
94	Ammonium hydrogen fluoride	0	2	(3)	II	XXX		Feb-1993
2086	Ammonium lignosulphonate (46% solution in water)	0	0	1	0	0		Apr-2003
96	Ammonium metavanadate	0	(2)	2	0	0		Mar-1990
97	Ammonium nitrate	0	1	1	0	0		Feb-1992
1751	Ammonium nitrate, fertilizers	0	1	1	0	0		Feb-1992

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1912	Ammonium nitrate solutions	0	1	1	0	0		Aug-2002
1477	Ammonium persulphate	0	1	1	II	XXX	Sensitizer	Mar-1990
1764	Ammonium polyphosphate solution	0	1	0	0	0		Aug-2002
1731	Ammonium polyvanadate	0	(2)	(3)	I	X		Nov-1979
99	Ammonium sulphate	0	1	1	0	0		Aug-2002
310	Ammonium sulphide soln.(45% or less)	0	3	2	II	XX		Aug-2002
311	Ammonium sulphite	0	1	1	0	0		Nov-1986
1732	Ammonium thiocyanate/ Ammonium thiosulphate solution	0	1	1	0	0		Feb-1999
312	Ammonium thiosulphate solution (60% or less)	0	1	1	0	0		Aug-2002
255	Amyl acetate	0	2	0	0	X		Aug-2002
256	sec-Amyl acetate	0	2	1	I	X		Aug-1988
1570	Amylamine	0	1	2	II	XXX	Lachrymator	Feb-1992
1776	Amylbenzene	T	4	-	-	-		Feb-1997
1676	Amyl butyrates	-	-	0	-	-		Feb-1994
1677	Amyl formates	-	-	0	I	X		Feb-1994
2141	tert-Amyl methyl ether	0	2	1	I	XX		Apr-2003
1678	Amyl nitrates	-	-	-	-	-		Feb-1994
1541	Amyl nitrite	0	-	2	-	-		Apr-1991
1484	Amyl propionate	0	2	0	I	X		Apr-2002
259	Amyl thiol	T	2	2	0	XXX		Apr-1991
260	Amyl trichlorosilane	0	1	1	II	XX	Aspiration hazard	Feb-1997
261	Aniline	0	3	2	II	XX		Aug-2002
262	Aniline hydrochloride	0	2	2	II	XX		Feb-1989
263	Animal oil	0	0	0	I	XX	Skin sensitizer	Apr-2003
264	o-Anisidine	0	2	1	II	XX		Feb-1997
1679	Anisole	T	(2)	1	I	X		Feb-1994
265	Anisoyl chloride	0	(1)	(1)	0	XX		Sep-1981
266	Anthracite	0	D	0	0	0		Mar-1973
267	Antimony compounds	0	2	2	II	XXX		Feb-1992
268	Antimony lactate	0	2	2	0	0		Jan-1988
1928	Antimony ore (stibnite and residue)	0	2	2	II	XXX		Feb-1992
270	Antimony pentachloride (solutions in hydrochloric acid)	0	(2)	1	II	XX		Feb-1989
269	Antimony penta-chloride (liquid)	0	(2)	1	II	XX		Jan-1988
271	Antimony pentafluoride	0	(2)	(3)	II	XXX		Feb-1993
272	Antimony potassium tartrate	0	2	2	I	0		Jan-1988
273	Antimony trichloride (solid)	0	2	1	II	XX		Jan-1988
274	Apatite	0	0/D	0	0	0		Feb-1993
275	Apple juice	0	0	0	0	0		Nov-2002
2226	Aromatic polyester polylys (Terates)							
276	Arsenic (metallic)	0	(3)	2	II	XXX	Human carcinogen	Mar-1990
280	Arsenic compounds (solid or liquid, N.O.S.)	0	3	4	II	XXX	Human carcinogen	Mar-1990
282	Arsenic pentoxide	0	3	3	II	XXX	Human carcinogen	Mar-1990
279	Arsenic tribromide	0	3	4	I	0		Mar-1990
284	Arsenic trichloride	0	3	4	I	0		Mar-1990
283	Arsenic trioxide	0	3	4	II	XXX	Human carcinogen	Mar-1990
1979	Aryl polyolefin (C11-C50) (LOA)	0	0	-	0	XX		Aug-2002
285	Atrazine (ISO)	0	2	1	II	XX		Feb-1989

<b>EHSNo.</b>	<b>EHS Name</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>Remarks</b>	<b>Reviewed</b>
286	Aviation alkylates (C8 paraffins and iso-paraffins Bpt 95-120 Celcius)	0	3	(1)	0	0		Aug-2001
83	Azinphos-ethyl (ISO)	-	5	3	I	XX	ChE inhibitor	Feb-1997
43	Azinphos-methyl	0	5	3	II	XXX	ChE inhibitor	Feb-1997
1526	Bakterizide MO76	0	(3)	(3)	II	XX		Feb-1989
313	Ball clay	0	D	0	0	0		Mar-1973
314	Barium azide	0	3	3	0	XX		Feb-1994
1460	Barium bromate	0	(1)	-	-	-		Feb-1994
1461	Barium chlorate	0	1	-	-	-		Feb-1994
1459	Barium chloride	-	1	2	I	XX		Feb-1994
315	Barium compounds (N.O.S.)	0	4	3	II	XX		Aug-1995
316	Barium cyanide	0	4	3	II	XXX		Feb-1997
1462	Barium hypochlorite	0	(3)	-	-	-		Feb-1994
1978	Barium long chain alkaryl sulphonate (C11-C50) (LOA)	0	3	1	0	XX		Apr-2003
1434	Barium long chain alkyl phenate sulphide (LOA)	-	-	0	I	XXX		Feb-1994
317	Barium metal	0	0	3	II	XX		Feb-1994
1458	Barium nitrate	0	0	2	I	XX		Feb-1994
318	Barium oxide	0	0	3	II	XX		Feb-1994
1463	Barium perchlorate	0	-	-	I	X		Feb-1994
1464	Barium permanganate	0	3	2	I	XX		Feb-1994
1465	Barium peroxide	0	2	(3)	II	XX		May-1996
1466	Barium sulphate	0	0/D	0	I	0		Feb-1994
319	Barley	0	0/BOD	0	0	X		Mar-1973
2187	Basicop (TN)	+	4	-	II	XX		Feb-1998
322	Bauxite	0	0/D	0	0	0		Feb-1992
323	Behenyl alcohol	0	0	0	0	X		May-1986
87	Bendiocarb (ISO)	0	4	3	I	XX	ChE inhibitor	May-1987
909	Benfuracarb (ISO)	0	-	2	0	0		Jan-1988
1890	Benomyl (ISO)	0	5	0	I	X		Feb-1997
100	Benquinox (ISO)	-	4	2	I	X		May-1987
325	Benzaldehyde	T	3	3	I	X		Feb-1994
324	Benzene	0	2	1	II	XXX		Aug-2002
320	Benzene sulphonyl chloride	0	(1)	1	II	XX		Aug-2002
1733	1,2,4-Benzene tricarboxylic acid, trioctyl ester	0	0	1	I	X		Aug-2002
321	Benzidine	0	3	2	II	XXX	Human carcinogen	Jan-1984
343	2,3-Benzofuran	-	-	(2)	-	-		Nov-1986
345	Benzoic acid	0	1	1	I	X		Feb-1989
344	Benzonitrile	0	2	1	I	X		Nov-1979
346	Benzotrichloride	0	1	1	II	XX	Animal carcinogen	Mar-1990
1571	Benzotrifluoride	0	2	1	I	X		Feb-1993
347	Benzoyl chloride	0	1	1	II	XX		Feb-1989
348	Benzyl acetate	0	2	1	I	0		Apr-2000
349	Benzyl alcohol	0	2/BOD	1	I	XX		Apr-2000
350	Benzyl benzoate	0	3	1	I	X		Mar-1990
351	Benzyl bromide	0	-	1	I	X		Nov-1976
352	Benzyl chloride	0	3	1	II	XXX		Aug-2002
353	Benzyl chloroformate	0	4	-	I	XXX		Feb-1997
354	Benzyl cyanide (liquid)	0	(2)	2	I	X		Nov-1979

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
355	Benzylidene chloride	0	(3)	1	II	XXX	Potent lachrymator; Aspiration hazard	Feb-1997
356	Beryllium chloride	0	3	2	II	XXX	Animal carcinogen; Teratogen	Feb-1998
357	Beryllium compounds (N.O.S.)	-	3	2	II	XXX	Animal carcinogen; Teratogen	Feb-1998
358	Beryllium powder	0	2	2	II	XXX	Animal carcinogen; Teratogen	Feb-1998
1542	Bicycloheptadiene, inhibited	-	(3)	1	-	-		Apr-1991
115	Binapacryl (ISO)	+	4	2	I	XX		Feb-1997
2232	bis(hydrogenated tallow alkyl) methylamines	-	-	0	1	X		May-2001
2110	N,N-Bis(2-hydroxyethyl)oleamide (LOA)	Z	3	0	I	XX		Apr-2003
327	Blasticidin-S (ISO)	0	-	3	II	X		May-1987
116	Blasticidin-S-3	-	-	3	-	-		May-1987
359	Borax, anhydrous or hydrated, crude or refined	0	1	2	II	XX	Testicular toxicity	Feb-1992
360	Boric acid	0	1	2	II	XX	Testicular toxicity	May-1986
361	Boron trifluoride, acetic acid complex	0	-	-	-	XXX		Feb-1993
362	Boron trifluoride, propionic acid complex	0	-	-	-	XXX		Feb-1993
363	Bran pellets	0	0/BOD	0	0	0		Mar-1990
364	Brazil nuts	0	0	0	0	0		Mar-1973
365	Bricks	0	0	0	0	0		Mar-1973
117	Brodifacoum (ISO)	+	4	4	II	XXX		Feb-1997
366	Bromine	0	3	2	II	XX	Lachrymator; Aspiration hazard	Feb-1997
367	Bromine pentafluoride	0	(3)	(3)	II	XXX	Aspiration hazard	Feb-1997
368	Bromine trifluoride	0	(3)	(3)	II	XXX	Potent lachrymator	Feb-1993
369	Bromoacetic acid (solid and solution)	0	(2)	2	0	X		Nov-1976
370	Bromoacetone	0	(4)	(3)	II	XXX	Potent lachrymator; Aspiration hazard	Feb-1997
371	Bromoacetyl bromide	0	(2)	(2)	II	XX		Nov-1979
1680	Bromobenzene	Z	(2)	1	I	X		Feb-1994
1916	2-Bromobenzyl cyanide	0	-	-	-	-		Feb-1992
1917	3-Bromobenzyl cyanide	0	-	-	-	-		Feb-1992
1918	4-Bromobenzyl cyanide	0	-	-	-	-		Feb-1992
372	alpha-Bromobenzyl cyanide	0	2	3	II	XX		Feb-1992
1578	2-Bromobutane	0	(2)	-	-	-		Feb-1992
2084	Bromochloromethane	0	1	1	I	X		Apr-2000
373	1-Bromo-2,3-epoxypropane	-	4	-	-	-		Apr-1991
374	Bromoethane	0	-	1	I	X		Jan-1984
375	Bromoethylene	0	-	2	II	X		Sep-1981
1579	2-Bromoethyl ethyl ether	0	-	-	-	-		Feb-1992
376	Bromoform	0	2	1	II	XX		Apr-1991
377	Bromomethane	0	3	-	II	X	Gas; Neurotoxic	Mar-1990
1580	1-Bromo-3-methylbutane	0	-	-	-	-		Feb-1992
1582	2-Bromopentane	0	(2)	(2)	-	-		Feb-1992
118	Bromophos-ethyl (ISO)	+	4	3	I	XX	ChE inhibitor	Jun-1987
2229	1-Bromopropane	0	-	1	II	XX		May-2001
1583	2-Bromopropane	0	(2)	0	-	-		Feb-1992
54	3-Bromopropylene	0	4	3	II	XX		Feb-1997
1584	3-Bromopropyne	0	-	3	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
119	Bromoxynil (ISO)	0	4	2	I	XX		May-1987
379	Brucine	0	2	3	I	0		May-1978
380	1,3-Butadiene (inhibited)						----gas-----	Oct-1982



EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1790	Butane						---gas-----	Mar-1973
1587	1-Butane thiol	T	3	1	-	XXX		Feb-1992
1750	Butanethiols	T	-	-	-	-		Feb-1994
381	Butanol	0	0	1	I	X		Nov-2002
383	sec-Butanol	0	0	0	0	X		Nov-2002
384	tert-Butanol	0	0	1	0	0		Aug-2002
385	2-Butanone	0	0	1	I	X		Aug-2002
1791	Butene						---gas-----	Jun-1980
386	Butene oligomer	0	3	0	0	0		Apr-2000
120	Butocarboxim (ISO)	0	2	2	I	X		May-1987
387	Butyl acetate	0	2	0	I	X		Apr-2000
389	sec-Butyl acetate	0	1	0	I	X		Jan-1984
390	Butyl acrylate	0	3	1	II	XXX		Aug-2002
392	Butylamine	0	2	2	II	XXX		Apr-2000
394	sec-Butylamine	0	2	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
395	tert-Butylamine	0	2	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
2059	Butyl n-amyl ketone	T	3	-	-	-		May-1996
1774	Butyl benzene	T	3	0	I	X		Apr-2003
1775	Butylbenzene, all isomers	T	3	1	I	X	Rated according to worst case of butylbenzenes	Feb-1992
396	sec-Butyl benzene	T	3	1	I	X		Feb-1992
397	tert-Butylbenzene	T	3	1	I	X		Feb-1992
398	Butyl benzyl phthalate	Z	4	1	0	X		Aug-2002
1596	Butyl bromide	0	2	(1)	-	X		Feb-1994
1581	tert-Butyl bromide	0	(2)	(2)	-	-		Feb-1992
399	Butyl butyrate	T	(2)	0	I	XX		Apr-2000
401	Butyl chloride	Z		1	I	X		Apr-1991
402	Butylene glycol(s)	0	1/BOD	0	0	0		Apr-2000
2071	1,3-Butylene glycol	0	1/BOD	0	0	0		Feb-1994
2072	2,3-Butylene glycol	0	0/BOD	0	0	0		Feb-1994
953	Butylene glycol methyl ether acetate	0	1	1	I	X		Aug-2002
952	Butylene glycol monomethyl ether	0	0	1	I	X		Aug-2002
403	1,2-Butylene oxide	0	2	1	I	X		Aug-2002
404	Butyl formate	0	(1)	1	II	XX		Aug-1988
1490	Butyl heptyl ketone	0	(3)	-	-	-		May-1996
1589	Butyl isocyanate	0	(2)	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1591	tert-Butyl isocyanate	0	(2)	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
407	Butyl lactate	0	1	2	II	X		May-1984
409	Butyl methacrylate	0	1	0	I	XX		Apr-2003
1593	Butyl nitrite	0	2	2	II	XXX	Methaemoglobin generator	Feb-1992
1906	Butyl nitrites	0	2	2	II	XXX	Methaemoglobin generator	Feb-1992
410	Butyl octyl phthalate	0	-	-	-	X		Aug-2001
411	Butyl phenols (liquid or solid)	T	3	1	II	XX		Mar-1990
144	Butyl phosphorotriethionate	-	4	2	II	XX	ChE inhibitor	May-1987
1483	Butyl propionate	T	2	0	I	X		Apr-2000
413	Butyl stearate	0	0	1	0	0		Apr-2000
414	p-tert-Butyl toluene	T	3	1	I	X		Mar-1990

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
415	Butyl trichlorosilane	0	1	(1)	II	XX		Jun-1980
1595	Butyl vinyl ether, inhibited	0	-	0	I	X		Feb-1994
1543	2-Butyne	0	-	-	-	-		Apr-1991
416	Butyraldehyde	T	2	1	I	XX		Apr-2000
1685	Butyraldoxime	-	-	-	-	-		Feb-1994
418	Butyric acid	0	1	1	II	XX		Apr-2000
420	Butyrolactone	0	0	1	II	XXX		Apr-2000
1597	Butyronitrile	0	-	3	II	XXX		Feb-1992
1599	Butyryl chloride	0	1	1	II	XXX		Feb-1992
421	Cacodylic acid	0	2	2	0	XX		Feb-1992
422	Cadmium chloride	+	3	2	II	XXX	Animal carcinogen; Teratogen; Reproductive toxicity	Oct-1985
423	Cadmium compounds (N.O.S.)	+	5	2	II	XXX	Animal carcinogen; Teratogen; Reproductive toxicity	Feb-1997
1478	Cadmium cyanide	+	5	-	I	XX	Skin sensitizer	Feb-1997
1352	Cadmium selenide	-	-	-	-	-		Aug-1988
1351	Cadmium sulphide	+	0	0	II	XX	Animal carcinogen	Aug-1988
424	Calcium alkyl (long chain) salicylate in 30% mineral oil (LOA)							
70	Calcium alkyl (long chain) salicylate (overbased) in mineral oil (LOA)	0	2	0	I	XX		Apr-2000
1435	Calcium alkyl phenol sulphide, polyolefin phosphorusulphide mixture (LOA)	0	4	0	I	XX		Apr-2000
2015	Calcium alkyl salicylate	0	2	0	0	0		Jan-1988
425	Calcium arsenate	0	3	3	I	XX		Jun-1983
426	Calcium arsenate and arsenite (solid mixtures)	0	3	3	I	XX		Jun-1983
427	Calcium bromide (solutions)	0	0	1	I	0		May-2001
428	Calcium bromide/Zinc bromide solutions	0	3	1	II	XX		Mar-1990
2016	Calcium carbonate slurry	0	D	0	0	0		Apr-2000
429	Calcium chloride (solutions)	0	0	1	0	0		Nov-1986
430	Calcium hydrogen sulphite (solution)	0	(1)	1	I	X		Mar-1990
431	Calcium hydroxide	0	1	0	I	0		Apr-2000
432	Calcium hypochlorite solutions containing 15% Ca(OCl)2 or more	0	3	1	II	XX		Apr-2000
2074	Calcium hypochlorite solutions containing 1.5% and less Ca(OCl)2	0	1	1	I	X		May-1987
2073	Calcium hypochlorite solutions containing less than 1.5% but more than 1.5% Ca(OCl)2	0	2	1	II	XX		Apr-2000
2087	Calcium lignosulphonate (52% solution in water)	0	0	1	0	0		Apr-2000
1973	Calcium long chain alkaryl sulphonate (C11-C50) (LOA)	0	0	0	I	XX		Apr-2000
2106	Calcium long chain alkyl (C5-C10) phenate (LOA)	0	2	0	I	XX		Apr-2003
2097	Calcium long chain alkyl (C11-C40) phenate (LOA)	0	0	0	0	XX		Apr-2003
1756	Calcium long chain alkyl phenate sulphide (C8-C40) (LOA)	0	1	0	I	XXX		Apr-2003
2018	Calcium naphthenate	T	3	3	0	X		Oct-1982
73	Calcium naphthenate in mineral oil (LOA)	T	3	3	0	X		Feb-1985
1803	Calcium nitrate	0	0	1	I	X		Apr-2003
1827	Calcium nitrate fertilizer	0	0	1	I	X		Feb-1992
1734	Calcium nitrate/ Magnesium nitrate/Potassium chloride solution	0	0	1	I	X		Apr-2000
2120	Calcium nitrate and solutions (40-50%)	0	0	1	I	X		Aug-1995
1810	Calcium oxide	0	1	-	-	-		Apr-1991

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
42	Campechlor	+	5	3	II	XXX	Animal carcinogen;Convulsant	Feb-1997
434	Camphorated oil	0	(1)	(0)	0	XX	5% Camphor oil assumed	Feb-1993
1897	Camphor oil, white	T	(3)	2	0	XX		Nov-2002
435	Candelilla wax	-	-	-	-	X		May-1986
436	Caprolactam	0	1	1	I	XX		Apr-2000
2216	Caprolactam aqueous solution			1	I	XX		Apr-2000
44	Carbaryl (Sevin)	0	5	2	II	XXX	Teratogen;ChE inhibitor	Feb-1997
1891	Carbendazim (ISO)	0	5	1	0	X		Feb-1997
121	Carbofuran (ISO)	0	4	4	II	XXX	ChE inhibitor	May-1987
437	Carbolic oil	T	3	2	II	XX	Rated as cresols	Apr-2003
438	Carbon anode pellets	0	D	0	0	0		Mar-1973
439	Carbon disulphide	0	2	3	II	XXX		Aug-2002
2019	Carbon monoxide						---gas-----	May-1978
440	Carbon tetrabromide	Z	(2)	1	I	0		Apr-1991
45	Carbophenothion	+	5	3	II	XXX	ChE inhibitor	Feb-1997
1828	Carborundum (Silicon carbide)	0	0/D	-	-	-		Feb-1992
433	Carnauba wax	-	-	-	-	X		May-1986
122	Cartap (ISO) hydrochloride	0	4	2	0	X		Feb-1997
443	Cashew nut shell oil	0	0	0	I	XX		Apr-2003
1804	Castor beans	0	0	0	II	XX		Apr-1991
442	Castor oil	0	0	0	0	XX		Apr-2003
444	Cement	0	0/D	0	0	0		Feb-1992
445	Cetyl/Eicosyl methacrylate (mixture)	0	0	0	I	X		Apr-2003
1829	Chamotte	0	0/D	0	0	0		Feb-1992
1805	Charcoal	0	0	0	0	0		Apr-1991
446	China clay	0	0/D	0	0	X		Mar-1990
123	Chinomethionat (ISO)	-	3	1	I	XX		Feb-1997
124	Chlordane (ISO)	+	5	3	II	XXX	Animl carcinogen;Convulsant	Feb-1997
125	Chlordimeform (ISO)	0	3	2	I	XX		May-1987
46	Chlorfenvinphos	0	5	3	II	XXX	ChE inhibitor	Feb-1997
2024	Chlorinated paraffins (C18 and above) with any level of chlorine	0	0	0	II	XX	Epigenetic carcinogen. Additional hazards if organotin compounds used as stabilizer	Mar-1995
2021	Chlorinated paraffins (C10-C13) with 60% chlorine or more	+	4	0	II	XX	Additional hazards if organotin compounds used as stabilizer	Aug-2002
2023	Chlorinated paraffins (C14-C17) with 50% chlorine or more	+	4	0	0	XX	Additional additional hazards if organotin compounds used as stabilizer	Mar-1995
2020	Chlorinated paraffins (C10- C13) with less than 60% chlorine	+	4	0	II	XX	Epigenetic carcinogen. Additional hazards if organotin compounds used as stabilizer	Apr-2000
2022	Chlorinated paraffins (C14-C17) with less than 50% chlorine	+	4	0	0	XX	Additional hazards if organotin compounds used as stabilizer	Mar-1995
2112	Chlorinated paraffins (C14-C17) with less than 1% shorter chain length	0	0	0	0	XX	Additional hazard if organotin compounds used as stabilizer	Apr-2003
447	Chlorine	0	4	N/A	II	XX	Gas	Feb-1997
448	Chlorine trifluoride	0	2	(3)	II	XXX	Potent lachrymator	Feb-1993
127	Chlormephos (ISO)	0	4	3	II	XXX	ChE inhibitor	May-1987
449	Chloroacetaldehyde	0	3	3	II	XXX	Lachrymator; Aspiration hazard	Feb-1997

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
450	Chloroacetic acid	0	2	2	II	XX		Apr-2000
451	Chloroacetone	0	2	3	II	XXX	Potent lachrymator	Mar-1990
452	Chloroacetyl chloride	0	2	2	II	XXX	Potent lachrymator; Aspiration hazard	Feb-1997
483	4-Chloro-2-amino-toluene hydrochloride	0	-	2	II	XX	Animal carcinogen	Feb-1989
454	m-Chloroaniline	0	3	2	I	XX		Aug-1988
453	o-Chloroaniline	0	3	2	I	XX		Aug-1988
455	p-Chloroaniline	0	3	2	I	XX		Aug-1988
456	Chlorobenzene	0	3	1	0	X		Apr-2000
1687	Chlorobenzotrifluorides	-	-	-	-	-		Feb-1994
457	p-Chlorobenzyl chloride	Z	(3)	(1)	I	XX		Apr-1991
466	2-Chloro-1,3-butadiene	0	(2)	2	II	XX	Animal carcinogen	Apr-1991
458	1-Chlorobutane	Z	-	1	-	-		May-1978
1015	Chlorodifluoromethane						---gas-----	Oct-1982
459	Chlorodinitrobenzenes, (mixed isomers)	Z	4	1	II	XXX		Apr-1991
460	1-Chloroethane	0	0	N/A	0	0		Sep-1981
461	1-Chloroheptane	-	4	-	-	-		May-1984
462	1-Chlorohexane	Z	4	-	-	-		Feb-1997
463	Chlorohydrins	0	(2)	2	II	XX		Aug-2002
1560	Chloro-isobutylene	0	(3)	-	-	-		Apr-1991
464	Chloromethane	0	1	(1)	II	X	gas	Jan-1984
1601	Chloromethyl ethyl ether	0	1	-	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
468	3-Chloro-4-methyl phenyl isocyanate	-	-	-	II	XX		Mar-1990
465	Chloronitroanilines	0	4	2	I	XX		Feb-1997
467	Chloronitrobenzenes	Z	3	2	II	XX		Apr-2000
1882	2-Chloro-6-nitro-toluene	Z	3	1	I	XX		Apr-1991
469	4-Chloro-2-nitrotoluene	Z	3	1	I	XX		Apr-1991
476	1-Chlorooctane	-	(4)	-	-	-		Nov-1986
470	1-Chloropentane	-	-	-	-	-		May-1978
128	Chlorophacinone	0	-	4	II	XXX		May-1987
1772	1-(4-Chlorophenyl)-4,4-dimethyl-3-pentanone	0	3	1	0	XX		Apr-2003
471	Chlorophenyl trichlorosilane	(+)	-	(1)	II	XX		Jun-1980
472	Chloropicrin	0	4	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
473	2-Chloropropane	0	-	-	-	-		Apr-1991
1871	1-Chloropropane-2,3-diol	0	(1)	3	II	XX		Feb-1992
1848	1-Chloro-2-propanol	0	1	2	II	XX		Feb-1992
1200	2-Chloro-1-propanol	0	1	2	II	XX		Feb-1992
1849	3-Chloro-1-propanol	0	1	(2)	II	XX		Feb-1992
474	2-Chloropropionic acid	0	2	1	II	XX		Apr-2000
475	1-Chloropropylene	0	(3)	1	-	-		Feb-1992
477	2-Chloropropylene	0	(3)	1	-	-		Feb-1992
478	3-Chloropropylene	0	3	2	II	XX		Aug-2002
1789	N-Chlorosuccinimide						Review (carcinogenic potential)	
479	Chlorosulphonic acid	0	2	3	II	X		Apr-2000
481	m-Chlorotoluene	Z	2	(1)	I	X		Apr-2000
480	o-Chlorotoluene	T	3	1	I	X		Apr-2000
482	p-Chlorotoluene	Z	3	1	I	X		Aug-2002
484	Chlorotoluidines	0	-	2	II	XX	Animal carcinogen	Feb-1989

<b>EHSNo.</b>	<b>EHS Name</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>Remarks</b>	<b>Reviewed</b>
129	Chlorpyrifos (ISO)	+	5	2	II	XX	ChE inhibitor	Feb-1997
130	Chlorthiophos (ISO)	+	4	3	II	XXX	ChE inhibitor	May-1987
485	Choline chloride, solutions	0	1	1	0	0		Dec-2000
489	Chromic fluoride	0	0	2	II	XXX		Feb-1993
1529	Chromium nitrate (anhydrous)	-	2	1	0	0		Feb-1989
486	Chromium ore	0	0/D	0	0	0		Feb-1992
490	Chromium oxychloride	0	3	(2)	II	XXX	Hydrolyzed in seawater to substances known to be carcinogenic & teratogenic	Mar-1990
488	Chromium trioxide (anhydrous)	0	2	2	II	XXX	Animal carcinogen;Teratogen	Jan-1988
492	Chromosulphuric acid	0	2	3	II	XXX	Animal carcinogen;Teratogen	Jan-1988
493	Citric acid	0	1/BOD	0	0	0		Dec-2000
494	Citric juices	0	0	0	0	0		Apr-2003
495	Clay	0	0/D	0	0	0		Dec-2000
1528	Clay stabilizer LO55	0	-	(3)	II	XX		Feb-1989
496	Coal (dust)	0	0/D	0	I	X		Feb-1992
497	Coal (large)	0	0/D	0	0	0		Apr-1991
2026	Coal gas						---gas-----	May-1978
498	Coal slurry	0	0/D	0	0	X		Dec-2000
499	Coal tar	T	3	-	II	XXX		Aug-2002
500	Coal tar naphtha	T	2	1	II	XXX		Aug-2002
491	Coal tar pitch (molten)	0	1	-	II	XXX		Aug-2002
501	Cobalt naphthenate in solvent naphtha	T	3	1	II	XXX		Dec-2000
502	Cocculus (solid)	0	4	3	I	XX		Mar-1990
2058	Coconitrile	-	4	-	-	-		Aug-1995
503	Coconut oil	0	0	0	0	XX		Apr-2003
505	Coconut oil fatty acid	0	2	-	-	-		Apr-2003
506	Coconut oil fatty acid methyl ester	0	0	-	-	-		Apr-2003
504	Coconuts	0	0	0	0	0		Mar-1973
2075	Coconut stearin fatty acid	0	0	-	-	-		Aug-1988
507	Codfish (fresh, salted)	0	0	0	0	X		Mar-1973
508	Cod liver oil	0	0	0	0	XX		Sep-1981
509	Coke	0	0/D	0	0	X		Feb-1992
510	Coke breeze	0	D	0	0	X		Mar-1973
511	Colemanite	0	1/D	1	I	X		Feb-1992
512	Copal	-	-	-	-	-		May-1978
2161	Copoly(sodium acrylate/calcium acrylate) solution (32%)	0	0	-	0	0		Feb-1998
2162	Copoly(sodium acrylate/magnesium acrylate) solution (31%)	0	0	-	0	0		Feb-1998
513	Copper acetoarsenite	+	3	3	0	XX		Mar-1990
514	Copper arsenate	-	-	(3)	0	XX		Mar-1990
515	Copper arsenite	+	3	3	0	XX		Mar-1990
2208	Copper beryllium alloy in massive form	0	0	0	0	0		Feb-1999
516	Copper chloride (solution)	+	4	3	0	XX		Feb-1994
518	Copper cyanides	+	4	3	I	XXX		Feb-1994
1909	Copper metal granules	+	4	-	-	-		Feb-1992
1572	Copper metal powder	+	4/D	-	-	-		Feb-1992
1576	Copper naphthenate	-	-	1	-	-		Feb-1992
1929	Copper nickel	0	0/D	1	II	XXX	Human carcinogen	Feb-1992

<b>EHSNo.</b>	<b>EHS Name</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>Remarks</b>	<b>Reviewed</b>
2168	Copper ore concentrate	0	0/D	1	0	0		Feb-1998
2167	Copper precipitates	0	0/D	1	0	0		Feb-1998
517	Copper pyrites	0	0/D	1	0	0		Feb-1992
2111	Copper salt of long chain(>C17) alkanolic acid (LOA)	0	1	1	I	XX		Apr-2003
2132	Copper sulphate, anhydrous, hydrates and solutions	+	4	3	I	XX		Feb-1997
520	Copra	0	0/BOD	0	0	X		Apr-1991
521	Corn oil	0	0	0	0	XX		Apr-2003
1516	Corrosion inhibitor-A250	-	3	2	II	XX	Skin sensitizer; Animal carcinogen	Feb-1989
522	Cotton seed cake	0	0/BOD	0	0	X		Mar-1973
1506	Cotton seed fatty acid	0	0	0	0	XX		Feb-1989
523	Cotton seed oil	0	0	(1)	I	XX		Apr-2003
131	Coumachlor (ISO)	+	-	1	I	XX		May-1987
132	Coumafuryl	-	-	3	-	XX		May-1987
133	Coumaphos (ISO)	+	5	3	I	XXX	ChE inhibitor	Feb-1997
134	Coumatetralyl (ISO)	Z	3	3	II	XXX	Anticoagulant	Feb-1994
524	Creosote (coal tar)	T	3	1	II	XXX		Aug-2002
525	Creosote (wood tar)	T	3	2	II	XXX		Dec-2000
527	Cresols (mixed isomers)	T	3	2	II	XXX		Dec-2000
526	Cresyl diphenyl phosphate	+	4	0	0	0		Feb-1985
1875	Cresylic acids, dephenolized	T	3	1	II	XXX		Dec-2000
1914	Cresylic acids, Sodium salt solutions	T	3	1	II	XXX		Dec-2000
135	Crimidine (ISO)	0	1	4	-	XXX	Convulsant	May-1987
1523	Crosslinker J444	0	0	0	I	0		Feb-1989
528	Crotonaldehyde	0	4	2	II	XX		Dec-2000
529	Croton oil	-	-	(3)	II	XXX	Skin sensitizer	Nov-1986
136	Crotoxyphos (ISO)	0	4	2	II	XX	ChE inhibitor	Feb-1997
137	Crufomate (ISO)	-	3	2	I	XX	ChE inhibitor	May-1987
1830	Cryolite	0	(2)	0	I	X		Feb-1993
1577	Cupric resinate	-	-	-	-	-		Mar-1990
519	Cupric sulphate	+	4	3	0	0		Mar-1990
530	Cupriethylene diamine, solution	+	(3)	(2)	I	X		Oct-1982
1573	Cuprous oxide	-	-	2	0	0		Mar-1990
1574	Cuprous sulphide	-	0	-	0	-		Mar-1990
1575	Cuprous thiocyanate	-	-	-	-	-		Mar-1990
138	Cyanazine (ISO)	0	3	2	I	XX		May-1987
531	Cyanogen bromide	0	4	3	II	XX		Jun-1983
532	Cyanogen chloride	0	4	3	II	XX		Jun-1983
139	Cyanophos (Cyanox)	0	4	3	I	XX	ChE inhibitor	Feb-1997
533	Cyanuric chloride	0	3	2	II	XX		Nov-1979
534	1,5,9-Cyclododecatiene	+	4	1	II	XXX		Dec-2000
535	Cycloheptane	0	3	(1)	II	X		Apr-2003
1603	Cycloheptatriene	0	(3)	2	II	XX		Feb-1992
1602	Cycloheptene	0	2	-	-	-		Feb-1992
1471	Cyclohexanal	0	3	-	-	-		Feb-1994
536	Cyclohexane	0	3	1	II	X		Apr-2003
538	Cyclohexane/Cyclohexanol (mixture)	0	3	1	II	XX		Feb-1989
1690	Cyclohexane thiol	-	-	-	I	X		Feb-1994
537	Cyclohexanol	0	2	1	II	XX		Dec-2000

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
539	Cyclohexanone	0	1	1	II	XX		Dec-2000
1436	Cyclohexanone/Cyclohexanol mixture	0	1	1	II	XX		Dec-2000
1544	Cyclohexene	0	(3)	-	-	-		Apr-1991
1472	3-Cyclohexene-1-carboxaldehyde	0	3	1	II	XX		Feb-1994
540	Cyclohexenyl trichlorosilane	0	1	1	II	XX		Jun-1980
140	Cycloheximide	0	3	4	I	XX		May-1987
541	Cyclohexyl acetate	0	(3)	0	II	XX		Dec-2000
542	Cyclohexylamine	0	2	2	II	XXX		Dec-2000
543	Cyclohexyl isocyanate	0	-	-	II	XXX		Aug-1988
544	Cyclohexyl trichlorosilane	0	1	(1)	II	XX		Jun-1980
1688	Cyclooctadienes	0	(3)	-	-	-		Feb-1994
545	1,3-Cyclopentadiene dimer (molten)	T	3	2	II	XXX		Dec-2000
546	Cyclopentane	0	3	(1)	I	X		Apr-2003
1689	Cyclopentanol	0	(1)	-	-	-		Feb-1994
1691	Cyclopentanone	0	0	(1)	II	XX		May-1996
547	Cyclopentene	0	(3)	1	0	0		Dec-2000
548	Cyclotrimethylene trinitramine	0	-	2	0	XX		May-1978
141	Cyhexatin (ISO)	+	5	2	I	XX		Feb-1997
4	Cypermethrin (ISO)	+	5	2	I	XX		Feb-1997
142	Dazomet (ISO)	0	3	2	II	X		Feb-1997
143	2,4-DB (ISO)	0	3	1	I	X		May-1987
102	DDT (ISO)	+	5	2	II	XXX	Reproductive toxicity; Animal carcinogen; Convulsant	Feb-1997
550	Decaborane	0	-	3	II	XX		May-1978
551	Decahydronaphthalene	0	(1)	1	0	X		Apr-2003
553	Decaldehyde	T	3	1	I	X		Feb-1994
554	Decane	0	0	(1)	0	0		Apr-2003
555	Decanoic acid	0	2	0	II	XX		Apr-2002
556	Decanol	T	3	1	I	X		Feb-1994
558	1-Decene	0	3	(1)	0	0		Dec-2000
2050	1-Decene dimer	0	0	0	0	XX		Feb-1993
2051	2-Decene dimer	0	0	0	0	XX		Feb-1993
2052	2-Decene trimer	0	0	0	0	XX		Feb-1993
1767	Decyl acetate	0	(3)	0	I	X		Nov-2002
559	Decyl acrylate	0	4	1	I	X		Dec-2000
1782	Decyl benzene	0	0	-	-	-		Feb-1992
1859	Decyloxytetrahydrothiophene dioxide	0	4	0	I	XX		Dec-2000
2122	Degummed C9	T	3	1	II	XXX	Aspiration hazard; Contains benzene (human carcinogen)	Aug-1995
145	Demephion (BSI)	0	-	2	II	XX	ChE inhibitor	May-1987
146	Demeton-O-methyl	-	-	2	II	XX	ChE inhibitor	May-1987
47	Demeton-S-methyl	0	-	2	II	XX	ChE inhibitor	Jun-1980
147	Demeton-S-methyl-sulphoxide	0	3	3	II	XXX	ChE inhibitor	May-1987
2153	Desmedipham (ISO)	0	4	0	-	-		Feb-1998
562	Dextrose solution	0	0	0	0	0		Apr-2003
563	Diacetone alcohol	0	1	1	I	X		Dec-2000
148	Dialifos (ISO)	+	4	3	II	XXX	ChE inhibitor	May-1987
1852	Dialkyldiphenylamines (LOA)	0	1	0	I	XX		Apr-2003
2197	Dialkyl (C6-C8) phthalates	0	0	0	I	XX		Aug-2001

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
564	Dialkyl phthalates C7-C9	0	1*	0	I	XX	* Probably due to impurities	Aug-2001
565	Dialkyl phthalates C9-C11	0	0	(1)	0	XX		Aug-2001
566	Dialkyl phthalates C9-C13	0	0	(1)	0	XX		Aug-2001
149	Di-allylate (ISO)	+	3	2	II	XXX	Animal carcinogen; ChE inhibitor	May-1987
1605	Diallylamine	0	3	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1606	Diallyl ether	0	-	2	II	XX		Feb-1994
1654	1,2-Diaminopropane	0	0	1	II	XXX		Feb-1993
567	1,3-Diaminopropane	0	0	2	II	XX		Feb-1989
98	Diammonium hydrogen phosphate	0	2	0	0	0		Aug-2002
1787	Di-n-amyl ether	-	3	-	-	-		Feb-1994
2061	Di-n-amyl ketone	T	3	-	-	-		Feb-1993
48	Diazinon (ISO)	+	5	2	II	XXX	ChE inhibitor	Feb-1997
569	Dibenzyl dichlorosilane	-	(1)	(1)	II	XX		Jun-1980
570	Dibenzyl ether	0	2	1	I	X		Feb-1994
571	Diborane	0	1	2	II	XX		May-1978
1693	1,3-Dibromobenzene	Z	3	1	-	-		Feb-1994
150	1,2-Dibromo-3-chloropropane	0	2	2	II	XXX	Animal carcinogen; Testicular toxicity	May-1987
572	1,1-Dibromoethane	0	(2)	(2)	I	X		Aug-1995
573	1,2-Dibromoethylene	0	(2)	2	II	XXX	Animal carcinogen	Aug-1995
574	Dibromomethane	0	2	2	I	X		Dec-2000
577	Di-n-butylamine	0	2	2	II	XX		Dec-2000
1886	1,4-Di-tert-butylbenzene	-	4	-	-	-		Feb-1994
578	Di-butyl ether	0	2	0	I	X		Apr-2000
1857	Dibutyl hydrogen phosphonate	0	2	1	II	XXX		Dec-2000
1941	Di-n-butyl ketone	T	3	1	I	X		May-1996
580	Di-n-butyl maleate	0	3	1	I	X		Jan-1988
2083	2,4-Di-tert-butyl phenol	-	4	-	-	-		Apr-2003
2082	2,6-Di-tert-butyl phenol	+	4	0	I	XX		May-2001
582	Di-n-butyl phthalate	0	4	0	II	XX		Aug-2001
568	Dibutyl sebacate	0	0	0	0	0		Aug-1988
1729	Di-butyl tin oxide	+	4	2	II	XXX	Aspiration hazard	Feb-1997
151	Dichlofenthion	+	5	2	I	XX	ChE inhibitor	Feb-1997
583	Dichloroacetic acid	0	2	1	II	X		Feb-1992
584	Dichloroacetyl chloride	0	(2)	1	II	XX		Mar-1990
585	3,4-Dichloroaniline	Z	4	1	II	XX		Feb-1997
333	Dichlorobenzene (all isomers)	Z	3	1	I	X		Aug-2002
586	m-Dichlorobenzene	Z	3	1	I	X		Apr-2000
332	o-Dichlorobenzene	T	3	1	I	X		Feb-1998
587	p-Dichlorobenzene	Z	3	1	I	X		Apr-1991
2079	3,4-Dichlorobut-1-ene	0	3	1	II	XX		Dec-2000
2006	Dichlorodifluoromethane	0	2		II		GAS -- Cardiotoxic	Feb-1993
590	1,1-Dichloroethane	0	(1)	1	0	0		Dec-2000
591	1,2-Dichloroethane	0	1	2	II	XX		Aug-2002
592	1,2-Dichloroethylene	0	(1)	1	I	X		Sep-1981
593	1,6-Dichlorohexane	Z	3	1	0	0		Dec-2000
594	Dichloromethane	0	1	1	II	XX		Aug-2002
1694	Dichloro pentanes	0	(2)	-	-	-		Feb-1994



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596	2,4-Dichlorophenol	T	3	1	II	XX		Dec-2000
595	2,6-Dichlorophenol	T	3	1	II	XX		Mar-1990
597	Dichlorophenols (mixed)	T	3	1	II	XX		Aug-1988
101	2,4-Dichlorophenoxyacetic acid	T	3	2	I	XX		May-1987
599	2,4-Dichlorophenoxyacetic acid, diethanolamine salt, solution	T	3	1	II	XX		Dec-2000
600	2,4-Dichlorophenoxyacetic acid, dimethylamine salt, 70 % or less solution	T	3	1	II	XX		Dec-2000
602	2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt soln.	T	3	2	II	XX		Dec-2000
603	3,4-Dichlorophenyl isocyanates	-	-	-	II	XXX		Aug-1988
604	Dichlorophenyl trichlorosilane	(+)	-	(1)	II	XX		Jun-1980
605	1,1-Dichloropropane	0	2	0	I	X		Dec-2000
606	1,2-Dichloropropane	0	2	1	II	XX		Dec-2000
607	1,3-Dichloropropane	0	1	(1)	I	X		Dec-2000
608	Dichloropropane and dichloropropene, mixture	0	3	2	II	XX		Dec-2000
610	1,1-Dichloropropene	0	(3)	-	-	-		Feb-1992
611	1,2-Dichloropropene	0	(3)	1	-	-		Feb-1992
612	1,3-Dichloropropene	0	3	2	II	X		Aug-2002
613	2,3-Dichloropropene	0	(3)	2	I	X		Feb-1992
614	3,3-Dichloropropene	0	(3)	-	-	-		Feb-1992
609	2,2-Dichloropropionic acid	0	1	1	II	X		Dec-2000
615	Di-(2-chloro-iso-propyl) ether	0	2	2	I	XX		Dec-2000
5	Dichlorvos (ISO)	0	5	3	II	XXX	ChE inhibitor; Carcinogen if containing epichlorohydrin as stabilizer	Feb-1997
2154	Diclofop-methyl (ISO)	+	4	1	-	-		Feb-1998
152	Dicoumarol R	-	-	2	I	XX		May-1987
153	Dicrotophos (ISO)	0	4	3	II	XXX	ChE inhibitor	Feb-1997
616	Dicyclohexylamine	0	2	2	II	XXX	Lachrymator	Feb-1989
617	Didecyl adipate	0	0	0	I	XX		Aug-1995
618	Didecyl-dimethyl ammonium chloride in ethanol and water	-	-	2	II	XX		Nov-1986
95	Dieldrin (ISO)	+	5	3	II	XXX	Animal carcinogen; Convulsant	Feb-1997
620	Diethanolamine	0	1	1	II	XX		Aug-2002
1539	1,1-Diethoxyethane	(T)	-	1	I	X		Feb-1994
1545	Diethoxymethane	-	-	1	I	X		Feb-1994
1608	3,3-Diethoxypropene	-	-	-	-	-		Feb-1994
621	Diethylamine	0	2	2	II	XXX		Dec-2000
1437	2,6-Diethylaniline	0	2	1	II	X		Dec-2000
623	N,N-Diethylaniline	0	3	1	I	X		Feb-1989
624	Diethyl benzene (mixed isomers)	T	3	1	I	X		Dec-2000
625	Di-(2-ethylbutyl) phthalate	0	0	0	0	XX		Aug-2001
626	Diethyl carbonate	0	(1)	1	I	XX		Aug-1988
627	Diethyl dichlorosilane	0	1	1	II	XX		Jun-1980
628	Diethylene glycol	0	0	2	I	XX		Dec-2000
629	Diethylene glycol di-n-butyl ether	0	1	1	I	X		Dec-2000
630	Diethylene glycol diethyl ether	0	0	1	I	X		Dec-2000
631	Diethylene glycol monobutyl ether	0	0	1	I	X		Feb-1994
632	Diethylene glycol monobutyl ether acetate	0	(1)	1	I	X		Feb-1994
633	Diethylene glycol monoethyl ether	0	0	1	I	X		Feb-1994

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
634	Diethylene glycol monoethyl ether acetate	0	1	1	I	X		Feb-1994
1444	Diethylene glycol mono-n-hexyl ether	0	1	1	II	XX		Feb-1994
635	Diethylene glycol monomethyl ether	0	0	1	I	X		Feb-1994
636	Diethylene glycol monomethyl ether acetate	0	(1)	1	I	X		Feb-1994
1761	Diethylene glycol mono propyl ether	0	0	1	I	X		Feb-1994
637	Diethylene glycol phenyl ether	0	(1)	1	II	XX		Feb-1994
1438	Diethylene glycol phthalate	0	1	0	0	0		Aug-2001
638	Diethylene triamine	0	1	1	II	XX		Aug-2002
639	Diethylene triamine pentaacetic acid	0	1	1	0	0		Apr-1991
2076	Diethylenetriamine pentaacetic acid, pentasodium salt (40% solution in water)	0	0	1	0	0		Dec-2000
1880	Diethylenetriamine pentaacetic acid, sodium salt	0	0	1	0	0		Apr-1991
622	Diethyl ethanolamine	0	2	1	II	XX		Dec-2000
640	Diethyl ether	0	0	1	I	XX		Dec-2000
641	Di-(2-ethylhexyl) adipate	0	0	0	II	XX		Dec-2000
643	Di-(2-ethylhexyl) phosphoric acid	0	2	1	I	X		Dec-2000
642	Di-(2-ethylhexyl) phthalate	0	0	0	II	XX		Aug-2001
644	Diethyl ketone	0	0	1	I	X		Feb-1994
645	Diethyl maleate	0	-	1	I	-		Feb-1985
646	Diethyl malonate	0	2	0	I	X		Jun-1983
647	Diethyl oxalate	0	(1)	2	I	X		Aug-1988
648	Diethyl phthalate	0	2	1	II	X		Aug-2001
649	Diethyl sulphate	0	(2)	1	II	XXX		Aug-2002
650	Diethyl sulphide	0	-	0	I	X		Mar-1990
651	Diethyl tartrate	0	(1)	-	-	0		Jun-1975
154	Difenacoum (ISO)	-	-	4	-	XXX		May-1987
155	Difenzoquat (ISO)	0	2	2	I	X		May-1987
652	Difluorophosphoric acid (anhydrous)	0	(1)	(3)	II	XXX	Potent lachrymator; Aspiration hazard	Feb-1997
653	Diglycidyl ether of Bisphenol A	0	3	0	II	XX		Aug-2002
728	Diglycidyl ether of Bisphenol F	0	3	0	II	XX		Dec-2000
654	Diglycol chlorohydrin	0	(1)	1	II	XXX		Mar-1990
655	Diheptyl phthalate	0	0	(0)	0	XX		Aug-2001
656	Di-n-hexyl adipate	0	3	0	0	XX		Dec-2000
1502	Di-n-hexyl ketone	T	0	-	-	-		Feb-1993
2125	Di-hexyl phthalate	-	-	0	II	XX		Aug-2001
657	1,4-Dihydro-9,10-dihydroxy anthracene disodium salt (soln.)	0	1	0	0	0		Apr-2003
1607	2,3-Dihydropyran	0	-	-	-	-		Feb-1993
575	Diisobutene	0	3	(1)	0	0		Apr-2003
576	Diisobutylamine	0	(2)	2	II	XX		Dec-2000
579	Diisobutyl ketone	0	2	1	I	X		Apr-2003
581	Diisobutyl phthalate	0	3	0	0	X		Aug-2001
1736	Diisobutyl tin oxide	+	4	2	II	XXX	Aspiration hazard	Feb-1997
619	Diisodecyl phthalate	0	0	0	0	XX		Aug-2001
690	Diisononyl adipate	0	0	0	0	XX		Dec-2000
691	Diisononyl phthalate	0	0	0	0	XX		Aug-2001
693	Diisooctyl phthalate	0	0	0	II	XX		Aug-2001
703	Diisopropanolamine	0	2	0	I	X		Dec-2000
705	Diisopropylamine	0	2	3	II	XXX		Dec-2000

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2220	Diisopropyl benzene (mixed isomers)							Nov-2002
706	1,3-Diisopropylbenzene	T	4	0	0	0		Dec-2000
1925	1,4-Diisopropylbenzene	T	4	-	-	-		Feb-1997
711	Diisopropyl ether	0	2	0	0	0		Aug-2002
2070	Diisopropyl ketone	-	2	1	-	-		May-1996
712	Diisopropyl naphthalene, mixed isomers	+	3	1	I	XX		Dec-2000
1697	Diketene, inhibited	-	-	2	II	XX		Feb-1994
156	Dimefox (ISO)	0	-	4	II	XXX	ChE inhibitor; High percutaneous toxicity	May-1987
157	DimetanR	0	-	2	I	XX	ChE inhibitor	May-1987
50	Dimethoate (ISO)	0	4	3	I	XXX	ChE inhibitor	Feb-1997
1548	1,1-Dimethoxyethane	-	-	1	I	X		Feb-1994
1610	1,2-Dimethoxyethane	0	-	1	I	X		Feb-1994
658	Dimethyl acetamide	0	0	1	II	XX		Dec-2000
659	Dimethyl adipate	0	3	0	I	0		Dec-2000
661	Dimethylamine (40-50% aq.sol.)	0	2	2	II	XX		Dec-2000
660	Dimethylamine (anhydrous)	0	2	2	II	XXX		Dec-2000
1700	2-Dimethylamino acetonitrile	-	-	3	I	X		Feb-1994
662	Dimethylaminoethyl methacrylate	-	-	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1505	3,4-Dimethyl aniline	-	-	1	II	X		Feb-1989
664	N,N-Dimethyl aniline	0	2	1	II	XX	Methaemoglobin generator	Feb-1989
1922	1,2-Dimethylbenzene	0	3	1	I	X		Feb-1992
1923	1,3-Dimethylbenzene	0	3	1	II	XX		Feb-1992
1924	1,4-Dimethylbenzene	0	3	1	I	X		Feb-1992
1546	2,3-Dimethylbutane	0	3	-	-	-		Apr-1991
1611	1,3-Dimethylbutylamine	0	1	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
663	Dimethyl carbonate	0	1	0	0	0		Jan-1988
1612	Dimethylcyclohexanes all isomers	0	3	-	-	-		Feb-1993
665	N,N-Dimethyl cyclohexylamine	0	2	2	II	XX		Aug-2002
666	Dimethyl dichlorosilane	0	1	1	II	XX		Sep-1981
1614	Dimethyldiethoxysilane	0	-	0	I	X		Feb-1993
1615	Dimethyldioxanes	0	-	1	I	X		Feb-1993
1616	Dimethyl disulphide	T	-	-	II	XX		Apr-2003
2126	N,N-Dimethyldodecylamine	+	4	2	II	XXX		Apr-2003
667	Dimethylethanolamine	0	(0)	1	II	XX		May-2001
668	Dimethyl ether	0	0	(1)	0	0	Gas.	Feb-1994
669	Dimethyl formal	-	-	0	I	X		Nov-1986
676	Dimethyl formamide	0	0	0	II	XX		Aug-2002
670	Dimethyl glutarate	0	2	0	I	0	Respiratory damage on repeated inhalation	May-2001
1586	Dimethyl glyoxal	T	-	2	II	XX		Feb-1992
671	2,6-Dimethyl-2,5-heptadiene-4-one	0	3	-	-	0		May-1984
672	2,6-Dimethyl-4-heptanol	0	(2)	1	0	0		May-1986
1619	1,1-Dimethylhydrazine	0	(4)	2	II	XXX	Animal carcinogen; Reproductive toxicity; Lachrymator;	Feb-1994
1618	1,2-Dimethyl hydrazine	0	(4)	3	II	XXX	Animal carcinogen; Reproductive toxicity; Lachrymator	Feb-1994
673	Dimethyl hydrogen phosphite	0	(3)	1	I	X		May-2001

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674	Dimethyl naphthalene sulphonates, sodium salt solution	0	-	0	I	X		Feb-1989
675	2,2-Dimethyloctanoic acid	0	2	1	II	XX		Apr-2003
678	Dimethyl phthalate	0	2	1	0	X		Aug-2001
679	2,2-Dimethylpropane-1,3-diol	0	(1)	0	0	0		Apr-2003
1617	N,N-Dimethylpropylamine	0	(2)	-	-	-		Feb-1993
2130	3,5-Dimethylpyridine	0	(2)	-	-	-		Feb-1997
680	Dimethyl sebacate	-	3	-	-	-		May-1984
681	Dimethyl succinate	0	2	0	I	0		May-2001
331	Dimethyl sulphate	0	2	2	II	XX	Animal carcinogen	Feb-1989
1547	Dimethyl sulphide	T	-	1	I	XX		Apr-1991
683	Dimethyl thiophosphoryl chloride	0	-	1	I	XX		Nov-1979
1936	2,3-Dimethylvaleraldehyde							
158	Dimetilan (ISO)	0	3	3	I	XX	ChE inhibitor	Aug-1988
159	Dimexano (ISO)	-	-	2	-	XX		May-1987
684	Dinitroanilines	0	2	2	I	XX		May-1978
685	Dinitrobenzenes	0	3	3	II	XXX		May-1978
49	4,6-Dinitro-o-cresol	T	4	3	II	XXX	Neurotoxic	Feb-1997
687	Dinitrophenols	0	4	3	II	XXX		Feb-1997
688	Dinitrotoluene	0	4	2	II	XXX		Aug-2002
160	Dinobuton (ISO)	-	4	2	I	XX		May-1987
689	Dinonyl phthalate	0	0	1	0	XX		Aug-2001
161	Dinoseb (ISO)	0	4	3	II	XXX		May-1987
162	Dinoseb-acetate (ISO)	0	4	2	II	XXX		Feb-1997
163	Dinoterb (ISO)	-	-	3	II	XX		May-1987
164	Dinoterb-acetate (ISO)	-	-	2	II	XX		May-1987
1788	Di-n-octyl ether	-	0	-	-	-		Feb-1994
692	Di-n-octyl phthalate	0	0	0	I	XX		Apr-2003
165	Dioxacarb (ISO)	0	4	2	I	XX		May-1987
682	1,4-Dioxane	0	0	1	II	XXX		Aug-2002
166	Dioxathion (ISO)	-	5	3	II	XXX	ChE inhibitor	Feb-1997
1620	1,3-Dioxolane	0	-	1	II	XX		Feb-1993
686	Dipentene	T	2	1	I	X		May-2001
167	Diphacinone (ISO)	+	3	4	0	XXX		May-1987
694	Diphenyl	+	3	1	II	XXX		May-2001
2186	Diphenylamine (molten)	0	3	0	I	X		Dec-2000
695	Diphenylamine chloroarsine	+	(4)	4	II	XXX		Oct-1982
1500	Diphenylamine, reaction product with 2,4,4-trimethylpentene	-	(4)	0	II	XX		May-2001
1770	Diphenylamines, alkylated	+	3	0	0	0		May-2001
696	Diphenyl chloroarsine	+	(4)	4	II	XXX		Jun-1983
697	Diphenyl dichlorosilane	0	(1)	(1)	II	XX		Jun-1980
698	Diphenyl/Diphenyl ether (mixtures)	T	3	1	II	XXX		May-2001
699	Diphenyl ether	T	3	1	I	X		May-2001
702	Diphenyl ether/ Biphenyl phenyl ether mixtures	T	3	1	I	XX		May-2001
700	Diphenylmethane-4,4'-diisocyanate	0	1	1	II	XXX		May-2001
701	Diphenylmethyl bromide	-	-	-	-	-		May-1977
2237	Diphenylol propane-epichlorohydrin resins							Apr-2003
704	Di-n-propylamine	0	2	1	II	XXX		May-2001
707	Dipropylene glycol	0	0	0	0	0		May-2001

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
708	Dipropylene glycol dibenzoate	0	-	0	0	0		Apr-2003
1445	Dipropylene glycol mono-butyl ether	0	1	1	II	XX		Feb-1994
709	Dipropylene glycol monomethyl ether	0	(1)	1	I	X		Feb-1994
710	Dipropylene triamine	0	(1)	1	I	XX		Nov-1979
1549	Di-Propyl ether	0	(2)	-	I	XX		Feb-1994
1738	Di-n-propyl ketone	T	2	1	I	X		Feb-1993
713	Di-n-propyl phthalate	0	(3)	1	I	X		Aug-2001
168	Diquat (ISO)	0	2	2	I	XX		May-1987
1806	Direct reduced iron	0	0	0	0	0		Apr-1991
33	Disulfoton (ISO)	0	5	4	II	XXX	ChE Inhibitor	Feb-1997
2185	Dithiocarbamate ester (C7-C35)	0	4	0	I	XX		Apr-2003
714	Ditridecyl phthalate	0	0	0	0	XX		Aug-2001
715	Diundecyl phthalate	0	0	(1)	0	XX		Aug-2001
716	Diuron (ISO)	0	3	1	0	XX		Jun-1983
717	Divinyl acetylene	0	(2)	(0)	0	0		Dec-1980
1550	Divinyl ether (inhibited)	-	-	-	I	X		Feb-1994
1964	Dobane JN	0	0	(1)	0	0		Nov-1979
1963	Dobanol 91	0	3	1	0	0		Nov-1979
1938	1-Dodecanal							
718	Dodecane	0	0	(1)	0	0		Apr-2003
2233	tert-Dodecanethiol	+	4	0	I	XX		May-2001
2257	Dodecanoic acid							Apr-2002
719	1-Dodecanol	0	3	0	0	X		Apr-2003
720	Dodecene (all isomers)	0	(3)	(1)	I	0		Nov-2002
727	2-Dodecenyl succinic acid, dipotassium salt, solution	0	0	1	0	0		May-2001
1530	1-Dodecylamine	-	4	2	II	XX		Feb-1997
721	Dodecylamine/Tetradecylamine mixture	-	4	2	II	XX		May-2001
126	Dodecyl benzene	0	0	0	I	X		May-2001
1739	Dodecyl benzene sulphonic acid (contains 1.5% Sulphuric acid)	0	3	1	I	X		Feb-1999
723	Dodecyl diphenyl oxide disulphonate (solns.)	0	4	1	II	X		May-2001
1861	Dodecyl hydroxypropyl sulphide (LOA)	+	4	0	0	X		Apr-2003
2116	Dodecyl/octadecyl methacrylate (mixtures)	0	0	0	I	XX		Apr-2003
724	Dodecyl/pentadecyl methacrylate (mixture)	0	0	0	0	X		Nov-2002
725	Dodecyl phenol	+	4	1	II	XX		May-2001
2248	Dodecyl-, Tetradecyl-, Hexadecyl-dimethylamine mixture	+	5	1	II	XX		Apr-2002
726	Dodecyl trichlorosilane	0	(1)	(1)	II	XX		Jun-1980
1763	Dodecylxylene	0	0	0	0	0		May-2001
1831	Dolomite	0	0/D	0	0	0		Feb-1992
1962	Dowanol 3H Glycol Ether	0	0	1	II	X		Feb-1992
169	Drazoxolan (ISO)	-	4	2	I	XX	Skin sensitizer	May-1987
2238	Drilling Brines							Apr-2003
2239	Drilling Brines (containing zinc)							Apr-2003
170	Edifenphos (ISO)	-	5	2	-	XX	ChE inhibitor	Feb-1997
729	Eicosanoic acid (Arachidic acid)	0	0	0	0	X		Mar-1995
730	Emery stone	0	D	0	0	0		Mar-1973
1522	Emulsion and sludge preventor W035	0	3	3	II	XX	Causes optic atrophy	Feb-1989
51	Endosulphan	+	5	4	II	XXX		Feb-1997

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
171	Endothal-sodium (ISO)	0	3	2	II	XX		May-1987
172	Endothion (ISO)	0	-	3	II	XXX	ChE inhibitor	May-1987
52	Endrin (ISO)	+	5	4	II	XXX	Convulsant	Feb-1997
731	Epichlorohydrin	0	4	2	II	XXX		Aug-2002
173	EPN (JMAF)	+	5	3	II	XXX	ChE inhibitor	Feb-1997
1701	1,2-Epoxy-3-ethyl oxypropane	-	-	-	-	-		Feb-1994
2081	EPTC (ISO)	T	2	1	I	XX	ChE inhibitor.	Apr-2003
1887	Esfenvalerate	+	5	2	II	XXX	Neurotoxic	Feb-1997
1792	Ethane						---gas-----	Jul-1976
1552	Ethane thiol	(T)	4	1	II	XXX		Apr-1991
732	Ethanol	0	0	0	I	0		Dec-2000
733	Ethanolamine	0	1	1	0	0		May-2001
1793	Ethene						---gas-----	Jun-1980
174	Ethion (ISO)	+	5	3	II	XXX	ChE inhibitor	Feb-1997
175	Ethoate-methyl (ISO)	-	-	3	I	XX	ChE inhibitor	May-1987
176	Ethoprophos (ISO)	0	4	3	II	XXX	ChE inhibitor	May-1987
768	beta-Ethoxy ethyl methacrylate	-	-	-	-	-		Oct-1975
2103	Ethoxylated long chain (>C16)alkyloxyalkanamine (LOA)	0	1	1	II	XX		Apr-2003
2182	Ethoxylated tallowamine	NI	NI	1	1	XX		Apr-2003
2252	Ethoxylated tallow amine, glycol mixture	-	-	1	II	XX		Apr-2003
735	Ethyl acetate	0	1	0	0	0		May-2001
736	Ethyl acetoacetate	0	(1)	1	I	X		May-2001
734	Ethyl acrylate	T	3	2	I	X		Aug-2002
1016	Ethylamine	0	2	2	II	XXX		May-2001
2219	Ethylamine solutions (72% or less)							May-2001
1784	Ethyl amyl ketone	T	2	-	-	-		May-2001
739	2-Ethylaniline	-	2	1	I	XX		Dec-1980
738	N-Ethylaniline	-	2	2	I	X		Jun-1983
740	Ethylbenzene	0	3	1	I	XX		Aug-2002
741	N-Ethyl-N-benzylaniline	-	-	-	I	X		Nov-1979
742	Ethyl bromoacetate	0	1	3	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
743	2-Ethyl-1-butanol	0	1	1	I	X		Jun-1980
744	2-Ethyl butyl acetate	0	(1)	-	I	X		Mar-1990
745	N-Ethyl butylamine	0	(2)	(3)	II	XX		May-2001
746	Ethyl butyl carbonate	0	-	-	-	0		Jun-1975
1622	Ethyl butyl ether	0	(2)	1	I	X		Feb-1994
2085	Ethyl tert-butyl ether	0	2	0	I	X		Apr-2003
747	Ethyl butyl ketone	T	2	1	I	X		May-1996
1468	2-Ethylbutyraldehyde	T	3	1	I	XX		Feb-1994
748	Ethyl butyrate	0	2	0	I	X		May-2001
749	Ethyl chloroformate	0	3	2	II	XXX		Aug-1988
1702	Ethyl 2-chloropropionate	-	-	-	-	-		Feb-1994
750	Ethylchlorothioformate	T	(4)	-	-	-		Feb-1992
1625	Ethyl crotonate	-	-	1	I	XX		Feb-1993
751	Ethyl cyclohexane	0	(3)	1	0	0		Apr-2003
752	N-Ethyl cyclohexylamine	0	1	1	II	XX		May-2001
753	Ethyl dichloroarsine	0	4	(4)	II	XXX	Aspiration hazard	Feb-1997
754	Ethyl dichlorosilane	0	1	(1)	II	XX		Jun-1980

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
755	Ethylene carbonate	0	0	0	I	X		May-2001
756	Ethylene chlorohydrin	0	2	2	II	XX		May-2001
757	Ethylene cyanohydrin	0	(1)	1	I	X		May-2001
758	Ethylene diamine	0	2	2	II	XX		Aug-2002
759	Ethylene diamine, tetra acetic acid, di- and tetra-sodium salt	0	0	1	II	0		May-2001
760	Ethylene dibromide	0	3	2	II	XXX		Aug-2002
761	Ethylene glycol	0	0	2	II	XX		May-2001
869	Ethylene glycol acrylate	0	3	1	II	XX		Aug-2002
764	Ethylene glycol butyl ether acetate	0	(2)	1	I	X		Aug-2002
765	Ethylene glycol diacetate	0	2	1	0	0		May-2001
770	Ethylene glycol dibutyl ether	0	-	1	I	X		Feb-1994
1696	Ethylene glycol diethyl ether	0	(1)	1	II	XX		Feb-1994
767	Ethylene glycol ethyl ether acetate	0	2	1	II	XX		Aug-2002
772	Ethylene glycol methyl butyl ether	0	1	-	-	-		May-2001
773	Ethylene glycol methyl ether acetate	0	2	1	II	XXX		Aug-2002
762	Ethylene glycol monoacetate	0	(1)	1	I	X		May-2001
2268	Ethylene glycol monoalkyl ethers							
763	Ethylene glycol monobutyl ether	0	1	2	II	XX		May-2001
766	Ethylene glycol monoethyl ether	0	0	1	II	XX	Teratogen	Apr-2003
774	Ethylene glycol monoisopropyl ether	0	0	1	I	X		Feb-1994
771	Ethylene glycol monomethyl ether	0	0	1	II	XXX	Teratogen;Testicular toxicity;Hematotoxic	Feb-1994
1486	Ethylene glycol monopropyl ether	0	(1)	1	II	XX		Feb-1994
769	Ethylene glycol monotertiary butylether	0	0	1	I	X		Feb-1994
775	Ethylene glycol phenyl ether	0	1	1	II	XX		May-2001
1740	Ethylene glycol phenyl ether/Diethylene glycol phenyl ether, mixture	0	1	1	II	XX		May-2001
777	Ethyleneimine	0	(2)	3	II	XXX	Animal carcinogen	Jun-1980
77	Ethylene oxide	0	2	2	II	XXX		Aug-2001
1508	Ethylene-propylene copolymer	-	-	-	-	-		Nov-2002
779	Ethylene vinyl acetate copolymer (emulsion)	0	0	0	0	0		May-2001
1439	Ethyl-3-ethoxypropionate	0	2	1	I	X		May-2001
1551	Ethyl formate	0	(1)	1	I	X		Apr-1991
2063	Ethyl n-heptyl ketone	T	3	-	-	-		Feb-1993
780	2-Ethyl hexaldehyde	T	3	1	I	X		Feb-1994
776	2-Ethylhexanoic acid	0	1	1	I	0		Aug-2002
781	2-Ethylhexanol	0	2	1	0	X		Aug-1988
782	2-Ethylhexyl acrylate	0	(3)	0	I	X		Aug-2002
2062	Ethyl n-hexyl ketone	T	3	-	-	-		Feb-1993
2054	2-Ethyl-2-(hydroxymethyl)propane-1,3-diol C8-C10 ester (LOA)	0	0	0	0	XX		Apr-2003
783	5-Ethylidene-2-norbornene	0	3	1	I	X		May-2001
737	Ethyl isoamyl ketone	0	2	1	I	X		Feb-1993
2005	Ethyl isobutyl ketone	-	2	1	I	X		Feb-1994
1623	Ethyl isobutyrate	0	2	(1)	I	X		Feb-1993
1626	Ethyl isocyanate	0	-	(2)	II	XXX		Feb-1993
1531	Ethyl isopropyl ketone	0	1	-	-	-		Feb-1993
784	Ethyl lactate	0	(1)/B	1	0	0		Jan-1988
786	Ethyl mercuric chloride	+	4	4	II	XXX		Mar-1990
785	Ethyl methacrylate	0	(1)	1	I	XX		Apr-2003

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
2228	N-Ethyl-2-methylamine	0	2	2	II	XXX		Apr-2002
1773	1-Ethyl-2-methyl-benzene	T	3	0	-	-		Feb-1992
787	2-Ethyl-6-methyl-N-(1-methyl-2-methoxyethyl) aniline	-	-	1	I	0		Nov-1986
1553	Ethyl nitrite	0	-	-	II	XX		Apr-1991
1703	Ethyl orthoformate	-	-	0	I	X		Feb-1994
788	o-Ethyl phenol	T	(3)	2	II	XX		May-2001
789	Ethyl phenyl dichlorosilane	-	(1)	(1)	II	XX		Jun-1980
1627	1-Ethylpiperidine	0	2	-	I	XX		Feb-1993
790	Ethyl propionate	0	1	1	I	X		May-2001
791	2-Ethyl-3-propyl acrolein	(T)	3	1	II	XX		May-2001
1554	Ethyl propyl ether	0	(1)	0	I	XX		Feb-1994
1504	Ethyl propyl ketone	0	2	1	I	X		Feb-1993
792	Ethyl trichlorosilane	0	1	1	II	XX		Jun-1980
793	Eucalyptus oil	-	-	1	I	X		Nov-1986
1517	Ezeflo F75N surfactant	0	2	1	I	X	Skin sensitizer	
1524	Ezeflo I40	0	-	(1)	II	XX	Surfactant. Causes optic atrophy	
2253	Fatty acids, essentially linear, C6-C18, 2-ethylhexyl ester	0	1	0	0	XX		Apr-2003
2260	Fatty acids, linear, C8-C18 saturated with C18 unsaturated							Apr-2002
2261	Fatty acids, linear C12+ saturated with C12+ unsaturated							Apr-2002
1879	Fatty acids, polymerized	-	-	-	-	-		Feb-1992
2258	Fatty acids, saturated, linear, C12+							Apr-2003
2259	Fatty acids, unsaturated, linear, C16+							Apr-2002
1741	Fatty alcohols C12-20	0	3	1	0	X		Dec-1980
1832	Felspar	0	0/D	0	0	0		Feb-1992
177	Fenaminosulf (ISO)	0	3	3	-	XX		May-1987
178	Fenamiphos (ISO)	0	4	3	II	XXX	ChE inhibitor	May-1987
1893	Fenbutatin oxide (ISO)	+	5	1	II	XX		Feb-1997
2155	Fenchlorazole-ethyl	+	4	0	-	-		Feb-1998
103	Fenitrothion (ISO)	+	5	3	II	XXX	ChE inhibitor	Feb-1997
2156	Fenoxaprop-ethyl (ISO)	+	4	1	0	0		Feb-1998
2157	Fenoxaprop-P-ethyl (ISO)	+	4	1	0	0		Feb-1998
179	Fenpropathrin (ISO)	+	5	3	I	XX		Feb-1997
180	Fensulfthion (ISO)	0	4	4	II	XXX	ChE inhibitor;High percutaneous toxicity	Feb-1997
181	Fenthion (ISO)	+	5	2	II	XXX	ChE inhibitor	Feb-1997
104	Fentin acetate (ISO)	+	5	3	II	XXX	Aspiration hazard	Feb-1997
182	Fentin hydroxide (ISO)	+	4	3	II	XXX	Aspiration hazard	Feb-1997
794	Ferric arsenate	0	2	3	0	XX		Mar-1973
795	Ferric arsenite	0	3	4	0	XX		Mar-1973
339	Ferric chloride	0	2	2	0	X		Aug-2001
1742	Ferric Chloride waste solution	0	2	(2)	0	X		Jan-1988
796	Ferric hydroxyethyl ethylene diamine triacetic acid, tri- sodium salt, solution	0	1	1	II	0		Aug-2001
337	Ferric nitrate/nitric acid solution							Aug-2001
1838	Ferrochrome	0	2/D	-	-	-		Feb-1992
1839	Ferromanganese	0	0/D	-	-	-		Feb-1992
1840	Ferronickel	+	-	-	-	-		Feb-1992



EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1807	Ferrophosphorus	0	-		II	XXX	Due to impurities there is a possibility of hazards from immediate release of toxic phosphine	Apr-1991
1824	Ferrosilicon (25% or above of silicon)	0	*	*	II	XXX	* Due to impurities there is a possibility of hazards from immediate release of highly toxic arsine	Feb-1993
798	Ferrous arsenate	0	2	3	0	XX		Feb-1994
799	Fertilizer NPK	0	0	1	0	0		Jun-1983
1907	Fertilizers without nitrates	-	-	-	-	-		Feb-1992
2247	FINAGREEN BDMF							
1868	Fish	0	0/BOD	0	0	X		Feb-1992
800	Fishmeal	0	0/BOD	0	0	XX		Feb-1992
801	Fish oil	0	0	0	I	XX		Apr-2003
1509	Fish solubles	0	0/BOD	0	0	X		Aug-2001
2265	FLO MO TD-20A							
802	Fluoboric acid	0	-	(3)	II	XXX	Aspiration hazard	Feb-1997
183	Fluoroacetamide	0	2	3	II	XXX	Reproductive toxicity; Convulsant	Feb-1993
1629	Fluorobenzene	0	2	I	I	XX		Feb-1993
803	Fluorophosphoric acid, anhydrous	0	(1)	(3)	II	XXX	Aspiration hazard	Feb-1997
806	Fluorosilicic acid	0	2	2	II	XXX		Aug-2001
2240	Fluorosilicic acid (20-30%) in water solution							Nov-2002
804	Fluorosulphonic acid	0	2	3	II	XXX		Feb-1993
1630	Fluorotoluenes	0	2	-	-	-		Feb-1993
805	Fluorspar	0	0	1	0	0		Feb-1994
1833	Fly ash	+	4/D	-	-	-		Feb-1992
184	Fonofos (ISO)	+	5	4	II	XXX	ChE inhibitor	Feb-1997
807	Formaldehyde (37%-50% solution)	0	2	2	II	XX		Aug-2002
808	Formamide	0	0	1	I	XX		Aug-2001
185	Formetanate (ISO)	0	4	3	II	XXX		May-1987
809	Formic acid	0	1	1	II	XX		Aug-2001
186	Formothion (ISO)	0	4	2	II	XXX		Feb-1997
810	Fumaric adduct of rosin (water dispersion)	0	3	1	0	X		Aug-2001
811	Fumaryl chloride	0	2	-	II	XX		Dec-1980
1555	Furan	0	2	1	-	-		Apr-1991
2089	Furathiocarb (ISO)	Z	5	3	II	XXX	ChE inhibitor. Skin sensitizer.	Feb-1994
812	Furfural	0	2	2	II	XX		Aug-2002
813	Furfuryl alcohol	0	2	2	0	0		Aug-2001
1704	Furfurylamine	-	-	(2)	-	-		Feb-1994
1631	Fusel oil	-	-	-	-	-		Feb-1993
814	Glycerine	0	0	0	0	0		Aug-2001
1743	Glycerine (83%)/Dioxane-dimethanol (17%) mixture	0	1	1	I	X		Aug-2001
1898	Glycerol monooleate	0	(1)	0	0	XX		Nov-2002
815	Glycerol polyalkoxylate	0	0	0	0	0		Aug-2001
2276	Glycerol, propoxylated and ethoxylated	0	(3)	0	0	0		Apr-2003
2282	Glycerol, propoxylated, mwt <1000	(+)	-	1	I	X		Apr-2003
2275	Glycerol, propoxylated, mwt >1000	(0)	(1)	1	I	X		Apr-2003
823	Glyceryl diacetate	-	-	-	-	-		Jan-1988
816	Glyceryl triacetate	0	(0)	1	0	0		Aug-2001

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1705	Glycidaldehyde	-	-	2	II	XXX		Feb-1994
441	Glycidyl ester of C10 trialkyl acetic acid	0	3	1	II	XX		Aug-2001
817	Glycine, Sodium salt, solution	0	0	0	0	0		Aug-2001
2218	Glycolic acid	0	1	1	II	XXX	*Not tested due to corrosivity	Apr-2000
84	Glyoxal solutions (40% or less)	0	1	1	I	X		Aug-2002
1535	Glyoxylic acid	0	1	2	II	X		Apr-2003
1765	Glyphosate solution, without surfactant	0	1	1	I	X		Apr-2003
2118	Glyphosphate solutions with surfactant	0	3	1	I	X		Mar-1995
820	Groundnut oil	0	0	0	0	XX		Apr-2003
819	Groundnuts (shelled)	0	0	0	0	0		Mar-1973
821	Guano	0	0/BOD	1	0	X		Mar-1973
822	Gypsum	0	0/D	0	0	0		Feb-1992
2171	Haematite	0	0/D	0	0	0		Feb-1998
2266	HEAVY OXO FRACTION							Apr-2003
55	Heptachlor	+	5	3	II	XXX	Animal carcinogen	Feb-1997
824	Heptadecane	0	0	(0)	0	0		Nov-1986
825	Heptadecanoic acid	0	0	-	0	0		Mar-1995
826	1-Heptadecene	0	0	0	0	0		May-1984
827	Heptane	0	3	0	0	0		Apr-2003
831	Heptanoic acid	0	1	0	I	X		Nov-2002
2223	Heptanol (all isomers)							Apr-2003
828	1-Heptanol	0	2	1	I	0		Aug-2001
829	2-Heptanol	0	(2)	1	I	0		Feb-1994
830	3-Heptanol	0	(2)	1	I	0		Feb-1994
2225	Heptene (all isomers)							Aug-2001
832	1-Heptene	0	2	(1)	0	0		Aug-2001
187	Heptenophos (ISO)	0	4	2	I	XX		May-1987
833	Heptyl acetate	0	(3)	0	I	X		Aug-2001
1469	Heptyl aldehyde	T	3	0	I	XX		Feb-1994
1779	Heptylbenzene	0	4	-	-	-		Feb-1997
834	Hexachlorobutadiene	+	4	2	I	X		Jun-1980
835	Hexadecanoic acid (Palmitic acid)	0	0	(0)	0	0		Mar-1995
836	1-Hexadecene	0	0	0	0	0		Apr-2002
2159	Hexadecyl naphthalene/dihexadecyl naphthalene mixture	0	0	0	0	0		Apr-2003
837	Hexadecyl trichlorosilane	0	(1)	(1)	II	XX		Jun-1980
1556	1,4-Hexadiene	-	2	-	-	-		Apr-1991
1557	1,5-Hexadiene	-	2	-	-	-		Apr-1991
1558	2,4-Hexadiene	-	2	-	-	-		Apr-1991
838	2,4-Hexadiene aldehyde	T	-	1	II	XX		Feb-1994
839	2,4-Hexadienoic acid	0	1	1	II	XX		Mar-1995
840	Hexaethylene glycol	0	0	0	0	0		May-1986
841	Hexaethyl tetraphosphate	0	4	3	II	XXX		Jun-1983
842	Hexafluoroacetone hydrate	0	-	2	II	XX		May-1996
843	Hexafluorophosphoric acid (60% solution)	0	-	-	II	XX		Feb-1994
844	Hexahydrocymol	0	(3)	(1)	II	X		Dec-1980
845	Hexamethylene diamine	0	2	1	II	XX		Aug-2001
846	Hexamethylene diamine adipate, 50% in water	0	1	1	II	X		Aug-2001
2142	Hexamethylene diisocyanate	0	2	1	II	XXX	Skin sensitizer. Respiratory sensitizer	Apr-2003

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
847	Hexamethylene glycol	0	0	1	0	0		Aug-2001
848	Hexamethyleneimine	0	2	3	II	X		Aug-2001
849	Hexamethylene tetramine (40% solution)	0	0	1	II	XX		Aug-2002
850	Hexane	0	3	0	II	X	Neurotoxic	Apr-2003
2143	1,6-Hexanediol, distillation overheads	0	2	1	I	XX		Apr-2000
851	1,2,6-Hexanetriol	0	0	0	0	0		Dec-1980
852	Hexanitrodiphenylamine	0	-	2	-	XX		May-1978
853	Hexanoic acid	0	1	1	I	X		Nov-2002
854	1-Hexanol	0	1	1	II	XX		Aug-2001
2224	Hexene (all isomers)							Aug-2001
855	1-Hexene	0	2	(1)	0	0		Aug-2001
856	2-Hexene (mixed isomers)	0	(2)	-	0	0		Aug-2001
857	Hexyl acetate	0	3	0	0	0		Nov-2002
858	sec-Hexyl acetate	0	(2)	0	0	0		Aug-2001
1915	Hexyl acrylate	-	-	0	II	XXX	Potent skin sensitizer; Aspiration hazard	Feb-1997
1467	Hexyl aldehyde	T	3	1	I	XX		Feb-1994
1778	Hexylbenzene	T	4	-	-	-		Feb-1997
859	Hexylene glycol	0	0	1	0	0		Aug-2001
860	Hexyltrichlorosilane	0	(1)	(1)	II	XX		Jun-1980
2213	Hitec 3000	0	4	2	II	XX		May-2001
2003	Hitec 320	0	3	0	II	XX		Apr-2002
2114	HiTEC 321 (LOA)	0	3	(0)	II	XX		Mar-1995
2100	HiTEC 4728 (LOA)	T	0	0	I	XX		May-1996
2099	HiTEC 4733 (LOA)	+	4	0	II	XX		Mar-1995
2101	HiTEC 4738 (LOA)	T	0	0	I	XX		May-1996
2004	Hitec 686	0	4	0	I	XX		Feb-1997
2098	HiTEC 7476 (LOA)	0	0	0	I	XX		Mar-1995
2102	HiTEC 7560 (LOA)	0	0	0	I	XX		Mar-1995
6	Hydrazine	0	3	2	II	XXX	Animal carcinogen;Teratogen	Jan-1984
862	Hydriodic acid (solution)	-	-	-	II	XX		Nov-1979
863	Hydrobromic acid	0	-	-	II	XX		May-1977
1520	Hydrocarbon Foaming Agent G008	T	(2)	1	II	XXX	Humancarcinogen	Feb-1989
2272	Hydrocarbon waxes							
2278	Hydrocarbon waxes							Apr-2003
864	Hydrochloric acid	0	1	1	0	0		Aug-2001
865	Hydrocyanic acid	0	4	3	II	X		Feb-1997
866	Hydrofluoric acid (60% solution)	0	2	(2)	II	XX		Feb-1994
867	Hydrogen peroxide, more than 60%	0	2	0	I	0		Aug-2001
2231	Hydrogen peroxide, more than 8% but not more than 60%							Aug-2001
868	Hydrogen sulphide	0	3	2	II	XX		May-1978
1673	3-Hydroxybutan-2-one	-	-	0	I	X		Feb-1994
870	N-(2-Hydroxyethyl) ethylene diamine triacetic acid, trisodium salt (solution)	0	1	1	II	0		Aug-2001
871	2-Hydroxy-4-(methylthio) butanoic acid	0	1	1	II	XX		Apr-2002
873	Hydroxy-terminated polybutadiene	0	0	0	I	X		May-1987
2092	Icosa(oxypropane-2,3-diyl)s	0	3	(1)	I	X		Aug-2001
874	Ilmenite	0	0/D	0	0	0		Feb-1992
188	Imazalil (ISO)	-	3	2	I	XX		May-1987

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875	Iodine monochloride	-	-	2	II	XX		Nov-1979
1632	2-Iodobutane	0	-	-	-	-		Feb-1993
1633	Iodo(methyl)propanes	0	-	-	-	-		Feb-1993
1634	Iodopropanes	0	-	-	-	-		Feb-1993
30	3-Iodopropylene	0	(3)	(3)	II	XX		May-1978
189	Ioxynil (ISO)	0	4	2	I	XX		May-1987
910	Iprobenfos (ISO)	0	(3)	1	0	X	ChE inhibitor	Jan-1988
2119	IRGAROL 1051	0	5	1	I	XX	Skin sensitizer	Aug-1995
1808	Iron metal	0	0/D	0	0	0		Feb-1992
818	Iron ore	0	0/D	0	0	0		Feb-1992
1809	Iron oxide, spent (contains sulphur compounds)	T	-	(1)	I	X		Apr-1991
877	Iron pentacarbonyl	0	-	3	II	XX		May-1978
878	Iron pyrites	0	0/D	0	0	0		Feb-1992
2170	Ironstone	0	0/D	0	0	0		
257	Isoamyl acetate	0	2	0	I	X		Aug-1988
1749	Isoamyl bromide	0	(2)	(1)	-	-		Feb-1994
190	Isobenzan (ISO)	-	4	4	II	XXX	Convulsant; High percutaneous toxicity	Feb-1992
382	Isobutanol	0	0	1	I	X		Aug-2001
388	Isobutyl acetate	0	2	1	I	X		Feb-1994
391	Isobutyl acrylate	0	3	1	II	XXX	Lachrymator; Potent skin sensitizer	Feb-1992
393	Isobutylamine	0	2	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1777	Isobutyl benzene	T	3	(1)	I	X		Feb-1992
1588	Isobutyl bromide	0	(2)	(1)	-	X		Feb-1993
1683	Isobutyl butyrate	(T)	(2)	0	I	X		Feb-1994
405	Isobutyl formate	0	1	1	I	X		Aug-2001
406	Isobutyl formate and isobutanol (mixture)	0	1	1	I	X		Sep-1981
400	Isobutyl isobutyrate	(T)	2	0	0	0		Feb-1992
1590	Isobutyl isocyanate	0	(2)	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
408	Isobutyl methacrylate	0	1	0	I	XX	Skin sensitizer	Apr-2003
1594	Isobutyl propionate	T	(2)	0	0	0		Feb-1992
417	Isobutyraldehyde	T	2	1	II	XX		Apr-2000
419	Isobutyric acid	0	1	2	II	XX		Apr-2003
1684	Isobutyric anhydride	-	-	1	-	-		Feb-1994
1598	Isobutyronitrile	0	-	3	II	XXX		Feb-1992
1600	Isobutyryl chloride	0	2	2	II	XXX		Feb-1992
552	Isodecaldehyde	T	2	1	I	X		Feb-1994
557	Isodecanol	T	3	0	II	X		Apr-2003
560	Isodecyl acrylate	0	4	0	0	X		Feb-1997
561	Isodecyl diphenyl phosphate	+	3	0	I	X		Aug-1988
191	Isodrin (ISO)	-	-	3	II	XXX	High percutaneous toxicity	May-1987
192	Isopenphos (ISO)	0	4	3	II	XXX		May-1987
1496	Isoheptane	0	(3)	-	-	-		Feb-1989
193	Isolan R	-	-	3	II	XXX	High percutaneous toxicity	May-1987
1056	Isononanoic acid	0	(1)	(1)	II	XX		Mar-1995
1059	Isononanol	T	3	1	II	XX		Apr-2003
1071	Isooctaldehyde	T	3	1	I	X		Apr-2003
1073	Isooctane	0	3	(1)	0	0		Nov-1986

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1076	Isooctanol	T	2	1	0	X		Aug-2001
1081	Isooctylamine	0	3	2	II	XX		May-2001
38	Isopar B (isoparaffin solvent, C6-C7)	0	3	0	I	X		Nov-1986
39	Isopar M (isoparaffin solvent, C13-C14)	0	0	0	II	XX		Feb-1992
1106	Isopentane	0	3	0	0	0		Nov-1986
1113	Isopentene	0	2	-	0	0		May-2001
879	Isophorone	0	2	1	II	XX		Apr-2003
880	Isophorone diamine	0	1	1	II	XXX		Aug-2002
881	Isophorone diisocyanate	-	3	1	II	XXX		Aug-2002
882	Isoprene	0	2	0	I	0		Aug-2002
194	Isoprocarb (ISO)	-	4	2	0	XX		Feb-1997
1181	Isopropanol	0	0	1	0	0		Aug-2001
1182	Isopropanolamine	0	2	1	I	X		Aug-2001
1651	Isopropenyl acetate	0	-	1	I	X		Feb-1993
1192	Isopropyl acetate	0	(1)	1	I	X		Apr-2003
1193	Isopropyl acid phosphate	0	-	-	I	-		May-1977
1195	Isopropylamine	0	2	1	II	XXX		Aug-2001
1197	Isopropyl benzene	T	3	1	I	X		Aug-2001
1716	Isopropyl butyrate	-	-	0	-	-		Feb-1994
1717	Isopropyl chloroacetate	-	-	-	-	-		Feb-1994
1653	Isopropyl chloroformate	0	(3)	2	II	XX		Feb-1993
1718	Isopropyl 2-chloropropionate	-	-	-	-	-		Feb-1994
1199	Isopropyl cyclohexane	0	(3)	0	0	0		Apr-2003
1652	Isopropyl isobutyrate	0	(2)	-	-	-		Feb-1993
1657	Isopropyl isocyanate	0	(1)	-	-	-		Feb-1993
1659	Isopropyl nitrate	0	-	-	-	-		Feb-1993
1209	Isopropyl palmitate	0	(0)	(0)	0	X		Dec-1980
1658	Isopropyl propionate	0	(2)	1	II	X		Feb-1994
549	Isopropyltoluenes	T	4	1	I	X		Dec-2000
195	Isothioate (ISO)	0	3	2	II	XXX		May-1987
1390	Isovaleraldehyde	T	2	1	II	XX		Nov-2002
196	Isoxathion (ISO)	+	5	2	II	XXX		Feb-1997
883	Kaolin slurry	0	D	0	0	0		Nov-2001
197	Kelevan (ISO)	-	-	2	II	XXX		May-1987
885	Kyanite	0	0	0	0	0		Mar-1973
886	Lactic acid	0	1/BOD	1	0	0		Nov-2001
887	Lactonitrile solution (80% or less)	0	3	2	II	XX		Nov-2001
2002	Laktane (light naphtha solvent, aromatics less than 25%)	T	2	-	II	XX	Neurotoxic	Nov-1986
888	Lard	0	0	0	0	X		Apr-2003
1745	Latex (mercury salts inhibited)	-	-	0	0	XX		Jul-1976
889	Latex, ammonia inhibited	0	1	0	0	XX		Nov-2001
891	Lauric acid	0	3	0	0	0		Nov-2001
892	Lauryl mercaptan	0	-	-	I	XX		Feb-1992
893	Lauryl methacrylate	0	0	0	I	X		Apr-2003
894	Lead acetate	+	(2)	1	II	XXX	Animal carcinogen. Reproductive toxicity.	Feb-1994
895	Lead arsenates	+	3	2	II	XX	Animal carcinogen. Reproductive toxicity.	Feb-1994
896	Lead arsenites	+	3	(2)	II	XX	Reproductive toxicity.	Feb-1994

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1479	Lead chromate	0	0	0	II	XX	Animal carcinogen. Reproductive toxicity.	Feb-1994
897	Lead compounds, soluble, NOS	+	(3)	(3)	I	XX	Animal carcinogen. Reproductive toxicity.	Feb-1994
899	Lead cyanide	+	3	(3)	II	XX	Reproductive toxicity.	Feb-1994
900	Lead nitrate	+	1	1	0	XX	Reproductive toxicity.	Feb-1994
898	Lead ore	0	0/D	0	0	0		Feb-1994
1901	Lead ore residues	-	-	-	-	-		Feb-1994
901	Lead perchlorate	+	1	(1)	I	XX	Reproductive Toxicity.	Feb-1994
2176	Lead silver ore	0	0/D	0	0	0		Feb-1998
2174	Lead sulphide	0	0/D	0	0	0		Feb-1998
1900	Lead and zinc calcines	+	3/D	0	0	0		Feb-1994
2175	Lead and zinc middlings	0	0/D	0	0	0		Feb-1998
2146	Lecithin (soybeans)	0	0	0	0	0		Apr-2003
34	Lignin sulphonic acid, salt,solution	0	0	0	0	0		Nov-2001
903	Ligroin	0	(3)	0	II	XX		May-1986
904	Limestone	0	0/D	0	0	0		Feb-1992
2217	d-Limonene	0	4	0	1	X		Apr-2000
60	Lindane (ISO)	+	5	3	II	XXX	Carcinogen;Convulsant	Feb-1997
884	Linoleic acid	0	0	0	0	XX		Mar-1995
890	Linolenic acid	0	(0)	0	0	XX		Mar-1995
905	Linseed oil	0	0	0	I	XX		Apr-2003
2180	Linuron (ISO)	0	4	1	-	-		Feb-1998
1521	Liquid ActivatorJ453	(T)	3	(1)	II	XX	Neurotoxic	Feb-1989
1519	Liquid Fluid Loss - J451	T	4	1	II	XXX		Feb-1997
1769	LiquiMoly LM114	0	3	1	II	X		Mar-1990
1982	Long chain alkaryl polyether (C11-C20) (LOA)	0	2	1	II	XX		Nov-2001
1966	Long chain alkaryl sulphonic acid (C16-C60) (LOA)	0	0	0	II	XX		Nov-2001
2129	Low boiling alkylpyridines	-	-	-	-	-		Feb-1997
1493	Low toxicity drilling mud						Unable to rate	
2044	Lubad 321 (LOA)	T	3	3	0	X		Nov-1986
1851	Lubrizol copper alkyldithiophosphate	+	2	0	0	XX		Feb-1992
1850	Lubrizol polyolefinamine	0	0	0	0	XX		Feb-1992
1865	Lubrizol polyolefin anhydride	0	0	0	0	XX		Nov-2002
1856	Lubrizol sodium synthetic long chain alkybenzenesulphonate	0	2	1	I	XX		Feb-1992
2199	L-Lysine solution (50% or less)	0	1	0	0	0		Apr-2000
2177	Magnesia	0	0/D	0	0	0		
908	Magnesite	0	0/D	0	0	0		Feb-1992
71	Magnesium alkyl (long chain) salicylate (overbased) in mineral oil (LOA)	0	2	0	I	XX		Nov-2001
2001	Magnesium alkyl salicylate	0	2	0	0	0		Jan-1988
914	Magnesium arsenate	0	2	2	II	XX	Animal carcinogen	Jan-1984
915	Magnesium chloride	0	0	1	0	0		Nov-2001
916	Magnesium hydroxide slurry	0	0	0	0	0		Nov-2001
1967	Magnesium long chain alkaryl sulphonate (C11-C50) (LOA)	0	0	0	0	XX		Nov-2001
2045	Magnesium long chain alkyl phenate sulphide (C8-C20) (LOA)	-	-	-	-	-		
1811	Magnesium nitrate	0	0	0	I	X		Apr-2000
907	Magnesium oxide	0	1	0	I	X		Feb-1992

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917	Magnesium phosphide	0	3	*	II	XXX	*Hazard from immediate release of highly toxic phosphine	May-1977
918	Magnesium sulphate	0	0	0	0	0		Oct-1975
2169	Magnetite	0	0/D	0	0	0		Feb-1998
2172	Magnetite-Taconite	0	0/D	0	0	0		Feb-1998
919	Maize (Not seed grain)	0	0/BOD	0	0	X		Mar-1973
109	Malathion (ISO)	0	5	2	I	XX	ChE inhibitor	Feb-1997
920	Maleic acid	0	1	1	0	0		Nov-1986
921	Maleic anhydride	0	1	2	II	XX		Aug-2002
922	Malic acid	0	-	(1)	0	0		Nov-1986
923	Malonic acid	0	-	1	0	0		Nov-1986
2090	Mancozeb (ISO)	0	4	0	II	XX	Teratogen. Neurotoxic.	Feb-1994
110	Maneb (ISO)	0	4	2	II	XX	Teratogen;ChE inhibitor	Feb-1997
924	Manganese ore	0	0/D	0	0	0		Feb-1992
1518	Matrix Diverting Agent J237A	0	2	1	I	X		Feb-1989
2000	MCP 121 (polycarboxylic ester)	0	0	0	I	X		Apr-2003
2189	MCP 1659 (TN)	0	2	1	I	X		Feb-1998
111	MCPA (ISO)	0	2	1	0	0		Apr-2000
1536	MCPA-dimethylammonium (ISO)	0	(2)	(2)	II	XXX		Feb-1989
198	Mecarbam (ISO)	-	5	3	II	XXX		Feb-1997
199	Medinoterb (ISO)	-	-	3	I	XXX		May-1987
112	Menazon (ISO)	-	-	2	I	XX	ChE inhibitor	Jan-1988
200	Mephosfolan (ISO)	0	4	3	II	XXX	High percutaneous toxicity	May-1987
925	2-Mercaptobenzothiazol	0	3	2	II	XX		Aug-2002
926	Mercuric acetate	+	4	3	II	XXX	Human teratogen	Mar-1990
927	Mercuric ammonium chloride	+	4	4	II	XXX		Jan-1984
928	Mercuric arsenate	+	4	(3)	II	XX	Animal carcinogen	Jan-1984
929	Mercuric benzoate	+	4	(2)	II	XX		Jan-1984
930	Mercuric chloride	+	4	4	II	XXX		Jan-1984
931	Mercuric cyanide	+	4	3	II	XXX		Jan-1984
932	Mercuric iodide	+	3	3	II	XX		Jan-1984
933	Mercuric nitrate	+	4	3	II	XX		Mar-1990
934	Mercuric oleate	+	4	(3)	II	XX		Jan-1984
935	Mercuric oxide	+	4	3	II	XXX	Neurotoxic;Skin sensitizer	Aug-1988
936	Mercuric oxycyanide	+	4	(3)	II	XXX		Jan-1984
937	Mercuric potassium cyanide	+	4	(3)	II	XX		Jan-1984
938	Mercuric potassium iodide	+	4	(3)	II	XX		Jan-1984
939	Mercuric salicylate	+	4	(3)	II	XX		Aug-1988
940	Mercuric sulphate	+	4	3	II	XX		Jan-1984
1453	Mercuric sulphide	+	0	(3)	II	XXX	Neurotoxic;Skin sensitizer	Aug-1988
941	Mercuric thiocyanate	+	4	3	II	XX		Mar-1990
942	Mercurous gluconate	+	4	(3)	II	XX		Jan-1984
943	Mercurous nitrate	+	4	2	II	XX		Jan-1984
944	Mercurous sulphate	+	4	2	II	XX		Mar-1990
945	Mercury bromides	+	4	3	II	XXX		Mar-1990
946	Mesityl oxide	0	1	1	I	0		Aug-2001
277	Metaarsenic acid	0	3	3	0	0		Mar-1990
1812	Metal sulphide concentrates excl. nickel concentrates	0	0/D	0	0	0		Feb-1992

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202	Metam-sodium (ISO)	0	4	2	II	XX		Aug-2002
1635	Methacrylaldehyde	0	(4)	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
947	Methacrylate mixtures	0	1	0	I	X		Feb-1985
948	Methacrylic acid, inhibited	0	(1)	1	II	XX		Apr-2003
2046	Methacrylic resin in 1,2 Dichloroethane soln.						Rated as 1,2 Dichloroethane	Apr-2003
949	Methacrylonitrile	0	1	2	I	X		Aug-2002
203	Methamidophos (ISO)	0	(4)	3	II	XXX		May-1987
950	Methane thiol	(T)	4	(2)	II	XXX		Feb-1997
951	Methanol	0	0	3	II	XX		Aug-2002
911	Methasulfocarb	-	-	-	-	-		Jan-1988
204	Methidathion (ISO)	0	5	3	II	XXX	High percutaneous toxicity	Feb-1997
201	Methiocarb (ISO)	0	5	3	II	XXX		Feb-1997
205	Methomyl (ISO)	0	4	3	II	XX		Feb-1997
1636	Methoxymethyl isocyanate	-	-	-	-	-		Feb-1993
1707	4-Methoxy-4-methyl-pentan-2-one	0	0	1	I	X		May-1996
954	Methyl acetate	0	0	1	0	0		Nov-2001
335	Methyl acetoacetate	0	1	1	I	X		Nov-2001
955	Methyl acrylate	0	3	2	II	XXX		Aug-2002
956	Methyl allyl alcohol	0	2	(2)	I	X		Nov-1986
957	Methylamine solution 42% or less	0	2	2	II	XXX		Nov-2001
958	Methyl amyl alcohol	0	(2)	1	I	X		Nov-2001
959	Methyl amyl ketone	T	2	1	I	X		Apr-2003
961	N-Methyl aniline	-	-	2	I	X		Nov-1979
962	Methyl benzoate	0	3	1	I	0		Feb-1985
963	2-Methyl-1-butanol	0	(1)	1	0	0		Feb-1994
964	2-Methyl-2-butanol	0	0	1	0	0		Aug-2002
965	3-Methyl-1-butanol	0	1	1	0	0		Aug-2002
966	3-Methyl-2-butanol	0	(1)	(1)	0	0		Feb-1994
967	Methyl butenol	0	(1)	1	I	X		Nov-2001
1637	N-Methylbutylamine	0	(2)	2	II	XX		Feb-1994
1592	Methyl butyl ether	0	(1)	0	I	XX		Feb-1994
969	Methyl tert-butyl ether	0	1	1	I	XX		Apr-2003
970	Methyl butyl ketone	0	1	1	II	XXX		Aug-2002
1940	Methyl tert-butyl ketone	0	2	1	I	X		Feb-1994
968	Methylbutynol	0	1	1	I	0		Nov-2002
972	2-Methyl butyraldehyde	T	2	1	I	X		Feb-1994
973	Methyl butyrate	0	(2)	1	I	X		Nov-2001
1708	Methyl chloroacetate	-	-	2	-	-		Feb-1994
975	Methyl chloroformate	0	3	2	II	XXX		Aug-1988
1561	Methyl chloromethyl ether	0	-	1	II	XXX	Animal carcinogen	Feb-1994
1538	2-Methyl-4-chlorophenoxyacetic acid, diethylamine salt solution	0	2	2	I	XXX		Dec-2000
1713	Methyl 2-chloropropionate	-	-	-	-	-		Feb-1994
1638	Methylchlorosilane	0	(1)	-	II	XXX	Liquefied gas	Feb-1993
976	Methyl cyclohexane	0	3	-	-	-		Nov-2001
1709	2-Methylcyclohexanol	0	(2)	-	-	-		Feb-1994
1710	Methylcyclohexanones	0	(1)	1	-	-		Feb-1997
977	Methyl cyclopentadiene, dimer	0	(3)	1	I	X		Nov-2001
978	Methyl cyclopentadiene manganese tricarbonyl	0	4	2	II	XX		Mar-1990



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979	Methyl cyclopentane	-	3	-	-	-		Nov-1986
1944	Methyl n-decyl ketone	T	3	-	-	-		Feb-1993
980	Methyl dichloroacetate	0	(2)	(1)	I	X		Nov-1979
981	Methyl dichlorosilane	0	1	(1)	II	XX		Jun-1980
1491	N-Methyldiethanolamine	0	1	1	I	X		Nov-2001
2064	Methyl n-dodecyl ketone	T	0	-	-	-		Feb-1993
1746	4,4-Methylenedianiline and higher molecular wt. polymers and o-Dichlor	Z	3	2	II	XX		Apr-1991
2235	Methylene dithiocyanate	0	5	2	-	XX		May-2001
983	N-Methyl ethanolamine	0	2	1	I	X		Jan-1984
984	2-Methyl-6-ethylaniline	0	2	1	II	XX		Nov-2001
985	1,4-Methyl ethyl benzene	T	3	0	0	0		Aug-2001
1786	Methyl ethyl ether	0	0	-	I	XX		Feb-1994
986	2-Methyl-5-ethylpyridine	(T)	(1)	1	II	XX		Nov-2001
987	Methyl formate	0	1	1	I	X		Nov-2001
1559	2-Methylfuran	0	(2)	2	I	XX		Apr-1991
2048	N-Methylglucamine, 60% aqueous solution	0	0	0	I	X		Nov-2001
988	Methyl heptyl ketone	T	3	1	I	X		Nov-2001
989	Methyl hexyl ketone	T	2	1	I	X		Feb-1993
990	Methyl hydrazine	0	-	3	II	X		May-1978
960	Methyl isoamyl ketone	0	2	1	I	X		Feb-1993
971	Methyl isobutyl ketone	0	1	1	I	X		Nov-2001
992	Methyl isocyanate	0	-	2	II	XXX	Aspiration hazard	Feb-1997
1643	Methyl isopropenyl ketone	0	-	2	II	XX		May-1996
1785	Methyl isopropyl ether	0	0	-	I	XX		Feb-1994
85	Methyl isopropyl ketone	0	1	2	I	X		Feb-1994
1639	Methyl isothiocyanate	0	4	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1645	Methyl isovalerate	0	-	0	0	0		Feb-1993
994	Methyl mercuric chloride	+	4	4	II	XXX	Human teratogen	Jan-1984
995	Methyl methacrylate	0	1	1	II	XXX		Apr-2003
996	3-Methyl-3-methoxy butanol	0	0	0	I	X		Nov-2001
997	3-Methyl-3-methoxybutyl acetate	0	0	0	I	X		Nov-2001
1642	4-Methylmorpholine	0	(1)	1	II	XX		Feb-1993
2	1-Methyl naphthalene	T	3	1	0	X		Jan-1988
3	2-Methyl naphthalene	T	(3)	1	0	X		Apr-1991
1999	Methyl naphthalenes	T	(3)	1	0	X		Nov-2001
2065	Methyl neo-pentyl ketone	-	2	-	-	-		Feb-1993
1943	Methyl n-nonyl ketone	T	3	1	-	-		May-1996
1942	Methyl n-octyl ketone	T	3	0	-	-		May-1996
1640	Methyl orthosilicate	0	0	(2)	II	XXX	May hydrolyze to ethanol	Feb-1993
1562	Methylpentadiene	0	(2)	0	I	X		Feb-1993
1000	2-Methyl pentane	0	3	(0)	0	0		Apr-2003
982	2-Methyl-1-pentanol	0	1	1	0	0		Feb-1994
998	2-Methyl-1-pentene	0	2	(1)	0	0		May-1984
1492	4-Methyl-1-pentene	0	(2)	(1)	0	0		Feb-1989
999	Methylphenyldichlorosilane	-	1	1	0	0		Feb-1994
1641	1-Methylpiperidine	0	2	-	-	-		Feb-1993
2200	2-Methyl-1,3-propanediol	0	0	0	0	0		Feb-1999
1001	Methyl propionate	0	(1)	1	0	0		Aug-1988

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1002	Methyl propyl ether	0	0	-	I	XX		Feb-1994
1003	Methyl propyl ketone	0	0	1	I	X		Nov-2001
1998	Methyl propyl ketone -unspecified	0	1	1	I	X		Jan-1988
1005	2-Methyl pyridine	0	1	1	II	XX		Nov-2001
1006	3-Methylpyridine	0	2	1	II	XXX		Nov-2001
1007	4-Methylpyridine	0	1	1	II	XX		Nov-2001
1008	N-Methylpyrrolidone	0	1	0	0	0		Nov-2001
86	Methyl salicylate	(T)	2	2	II	XX		Nov-2001
1010	alpha-Methylstyrene	T	3	1	0	X		Apr-2003
1644	Methyltetrahydrofuran	0	(1)	(1)	I	X		Feb-1993
993	3-(Methylthio) propionaldehyde	T	2	2	II	XXX		Apr-2003
1011	Methyl trichlorosilane	0	1	1	II	XX		Jun-1980
206	Methyl trithion	-	5	3	II	XXX		Feb-1997
1945	Methyl n-undecyl ketone	T	4	-	-	-		Feb-1997
1646	alpha-Methylvaleraldehyde	0	2	-	-	-		Feb-1993
1647	Methyl vinyl ketone	0	-	3	II	XXX		May-1996
113	Metolachlor (ISO)	0	3	1	I	X		Aug-2002
61	Mevinphos	0	5	4	II	XXX	High percutaneous toxicity;ChE inhibitor	Feb-1997
207	Mexacarbate	-	4	3	I	XX		Feb-1997
1012	Milk	0	0	0	0	0		Sep-1981
1834	Milorganite	-	-	-	-	-		Feb-1992
208	Mirex	+	-	2	I	XX		May-1987
2280	Mixed oxygenated aliphatic hydrocarbons							
209	Mobam	-	-	2	-	-		May-1987
1996	Mobilad G 201 (gear oil package)	0	3	0	I	XX		Feb-1999
1997	Mobilad G 210	0	2	1	0	X		Feb-1999
2033	Mobilad G 221 (LOA)	0	3	0	I	XXX		Feb-1999
2214	Mobilad G252	0	2	(0)	0	0		May-2001
2034	Mobilad G 521	0	-	-	-	-		Feb-1999
2221	Mobil syndril E51	0	1	0	0	XX		Apr-2003
1013	Molasses	0	0	0	0	X		May-2001
1510	Molasses, fermentation residue	0	0	0	0	X		Mar-1990
1014	Molybdenum pentachloride	0	(2)	(2)	II	XX		Nov-1979
210	Monocrotophos	0	4	3	II	XXX		Feb-1997
1017	Mononitrobenzene	(T)	2	2	II	XXX		Aug-2002
1018	Morpholine	0	2	1	I	0		Apr-2003
1019	Myrcene	0	1	0	0	0		Nov-2001
211	Nabam (ISO)	0	4	2	-	-		Feb-1997
212	Naled (ISO)	-	5	2	II	XXX		Feb-1997
1	Naphthalene	T	3	2	I	X		Nov-2001
1020	Naphthalene sulphonic acid condensed with formaldehyde, sodium salt, solution	0	1	1	II	XX		Nov-2001
1021	Naphthenic acids	(T)	3	1	0	X		Nov-2002
1022	alpha-Naphthyl amine	0	3	1	0	XX		Jan-1984
1023	beta-Naphthyl amine	0	3	1	II	XXX	Human carcinogen	Jan-1984
82	alpha-Naphthyl thiourea	0	3	3	II	XXX		Apr-2002
1024	Naphthyl urea	-	-	-	-	-		Jul-1976
1025	Neodecanoic acid	0	2	1	II	XX		Nov-2001
1825	Nepheline syenite	0	0/D	0	0	0		Feb-1992

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1847	NIAX polyol APP-240C	0	0	2	I	XX		Feb-1992
1026	Nickel concentrates, sulphides	0	0/D	0	II	XXX	Human carcinogen	Feb-1992
1027	Nickel cyanide	+	4	3	II	XX		Feb-1997
1028	Nickel tetracarbonyl	+	4	(3)	II	XXX	Human carcinogen;Teratogen	Feb-1997
213	Nicotine	0	3	3	II	XXX	Animal carcinogen	Apr-1991
1029	Nitric acid (90% or less)	0	2	2	II	X		Nov-2001
1030	Nitrioltriacetic acid, trisodium salt	0	0	1	II	XX		Nov-2001
1031	Nitroanilines	0	2	2	I	XX		May-1978
1032	Nitrobenzene sulphonic acids	0	(2)	(1)	II	XX		Nov-1979
1476	p-Nitrobenzoic acid	0	-	-	-	-		Apr-1991
1033	Nitrobenzotrifluorides	Z	(3)	(3)	I	XX		Feb-1994
1034	Nitrobutanes	0	-	1	I	X		May-1978
1648	Nitrocellulose solution	0	-	1	0	0		Feb-1993
1035	3-Nitro-4-chlorobenzo trifluoride	Z	(3)	2	I	XX		Feb-1994
1036	Nitroresols	T	(3)	1	I	XX		Aug-1988
1037	Nitroethane	0	1	1	I	X		Nov-2001
2245	Nitroethane (80%)/Nitropropane (20%)							Apr-2003
2270	Nitroethane, 1-Nitropropane (each 15% or more) mixture							Apr-2003
1038	Nitroglycerine	0	-	2	0	XX		May-1978
1039	Nitrohydrochloric acid	0	2	2	II	X		Nov-1976
1040	Nitromethane	0	(1)	1	I	X		May-1978
1041	2-Nitrophenol	0	3	1	I	XX		Nov-2001
1042	3-Nitrophenol	0	3	2	I	XX		Aug-1988
1043	4-Nitrophenol	0	3	2	I	XX		Apr-1991
2032	Nitrophenols (mixed isomers)	0	3	2	I	XX		Aug-1988
1044	1-Nitropropane	0	(1)	2	II	XX		Jan-1984
2242	1- or 2- Nitropropane							Nov-2001
1045	2-Nitropropane	0	1	2	II	XX		Aug-2001
1046	Nitropropane (60%) Nitroethane (40%) (mixture)	0	1	2	II	XX		Nov-2001
1047	Nitrosyl chloride	0	2	-	II	XX		May-1978
1048	Nitrosyl sulphuric acid	0	2	-	II	XX		Nov-1979
1050	m-Nitrotoluene	(T)	2	2	I	XX		Feb-1992
1049	o-Nitrotoluene	(T)	2	1	I	XX		Aug-2001
1051	p-Nitrotoluene	(T)	2	1	I	XX		Aug-2001
2241	o- or p-Nitrotoluenes							Nov-2001
1052	Nitroxylenes	(T)	3	1	II	XX		Feb-1992
1053	Nonadecanoic acid	0	0	(0)	0	0		Mar-1995
1470	1-Nonanal	T	3	-	I	XX		Feb-1994
1054	Nonane	0	3	(0)	0	0		Apr-2003
1055	Nonanoic acid	0	1	1	II	XX		Nov-2001
1057	Nonanoic/Tridecanoic acid mixtures	0	1	1	II	XX		Mar-1995
1058	1-Nonanol	T	3	1	0	X		Feb-1994
2222	Nonene (All isomers)							Aug-2001
1060	1-Nonene	0	3	(1)	0	0		Aug-2001
1766	Nonyl acetate	0	(2)	0	-	-		Nov-2001
1781	Nonylbenzene	0	0	-	-	-		Feb-1992
1061	Nonyl methacrylate monomer	0	0	-	-	-		Nov-2002
1062	Nonyl phenol	Z	4	1	II	XX		Aug-2002

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1063	Nonyl(C6-C12)phenol poly(4-12)ethoxylate	0	3	1	I	X		Nov-2001
1064	Nonyl phenyl sulphide	-	-	-	-	-		Feb-1992
1065	Nonyl trichlorosilane	0	(1)	(1)	II	XX		Jun-1980
214	Norbormide (ISO)	0	0	2	-	X		May-1987
1067	Octadecanoic acid (Stearic acid)	0	0	0	I	X		Mar-1995
1066	1-Octadecanol	0	0	0	0	X		Feb-1994
1068	Octadecene	0	0	0	0	0		May-1984
1069	Octadecyl trichlorosilane	0	(1)	(1)	II	XX		Jun-1980
1649	Octadiene	0	3	-	-	-		Feb-1993
1070	Octaldehyde	T	3	0	I	X		Feb-1994
1072	Octane	0	3	(1)	0	0		Apr-2003
1074	Octanoic acid (Caprylic acid)	0	1	0	I	X		Apr-2002
1075	1-Octanol	T	2	1	0	X		Apr-2003
1604	Cyclo octatetraene	0	(3)	-	-	-		Feb-1992
1079	Octene (all isomers)	0	3	0	I	X		Nov-2001
1077	1-Octene	0	3	0	I	X		Oct-1985
1078	2-Octene	0	3	0	I	X		Oct-1985
1080	Octyl acetate	0	2	1	I	X		Nov-2001
1780	Octylbenzene	0	0	-	-	-		Feb-1992
1082	Octyl decyl adipate	0	0	-	-	-		Nov-2001
1083	Octyl/Decyl alcohol (mixture)	0	3	1	0	X		Jun-1980
1084	Octyl decyl phthalate	0	0	0	0	XX		Aug-2001
1085	Octyl epoxytallate	-	-	0	-	X		May-1986
1087	Octyl trichlorosilane	0	(1)	(1)	II	XX		May-1980
1457	OGA 480 OGA 492 (Polyether amine)	0	2	1	II	XX		Nov-2001
1995	Oil gas						---gas-----	May-1978
1525	Oil Gelling Agent - J421	(T)	(3)	1	II	XXX		Feb-1989
1527	Oil Gelling Agent - J452	(T)	(3)	1	II	XXX		Feb-1989
1088	Oleamide	-	-	-	-	-		Feb-1989
1965	Olefin/Alkyl ester copolymer (molecular weight 2000+) (LOA)	0	0	-	-	XXX		Nov-2001
2027	Olefin mixture (C6-C8)	0	3	0	I	X		Oct-1985
2243	Olefin mixtures (C5-C7)							Nov-2002
2028	Olefins C13 and above, all isomers	0	0	0	0	0		Apr-2003
1994	alpha-Olefins (C13-C18)	0	0	0	0	0		May-1984
2029	alpha-Olefins (C16-C18)	0	0	0	0	0		Oct-1985
2030	alpha-Olefins (C6-C18),mixture	0	3	0	0	0		Apr-2003
2031	Olefins, straight chain, mixtures	0	3	0	0	0		Oct-1985
1089	Oleic acid	0	1	0	I	XX		Aug-2001
1862	Oleylamine	0	4	1	II	XX		Nov-2001
1090	Olive oil	0	0	0	0	XX		Apr-2003
1728	OLOA 224	0	0	0	I	0		Apr-2000
1754	OLOA 225	0	0	0	I	X		Nov-2001
7	OLOA 2939	0	0	0	0	0		Nov-1986
2077	OLOA 2990	0	0	0	I	X		Mar-1990
1753	OLOA 378	0	0	0	I	X		Mar-1990
2078	OLOA 390	-	2	0	0	0		Feb-1994
1456	OLOA 374A	0	0	0	I	XXX		Aug-1988
1446	OLOA 2564A OLOA 2564B OLOA PIBSA 24 (Polyolefin anhydride)	0	1	0	I	XXX		Aug-1988

<b>EHSNo.</b>	<b>EHS Name</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>Remarks</b>	<b>Reviewed</b>
1987	OLOA 857 E-1 (LOA)	+	(2)	-	I	X		Jan-1988
215	Omethoate (ISO)	0	-	2	I	XX		May-1987
1993	Organotin compounds (N.O.S.)	+	5	3	II	XXX	Neurotoxic;Immunotoxic	Feb-1997
278	Orthoarsenic acid	0	3	3	0	0		Mar-1990
1091	Osmium tetroxide	0	4	3	II	XXX		Feb-1997
1093	Oxalates (water soluble)	0	1	1	0	0		Nov-1979
1092	Oxalic acid (10-25%)	0	1	1	0	0		Nov-1986
216	Oxamyl (ISO)	0	4	3	I	XX		Feb-1997
217	Oxydemeton-methyl	0	3	3	II	XXX	ChE inhibitor	May-1987
218	Oxydisulfoton	-	4	4	II	XXX		May-1987
1094	Palm nut oil	0	0	0	0	XX		Apr-2003
1095	Palm nut oil fatty acid	0	2	-	-	-		Apr-2003
1096	Palm nut stearin fatty acid	0	0	-	-	-		Aug-1988
2249	Palm oil							Apr-2003
1097	Palm oil fatty acid methyl ester	0	0	0	0	XX		Apr-2003
2250	Palm olein							Apr-2003
2251	Palm stearin							Apr-2003
1086	Paraffin wax	0	0	0	0	0		Aug-2001
1098	Paraldehyde	0	2	1	I	X		Nov-2001
326	Paraoxon	0	4	4	II	XXX	ChE inhibitor	May-1987
69	Paraquat (ISO)	0	3	3	II	XXX	Delayed lung injury	Aug-1988
62	Parathion (ISO)	0	5	4	II	XXX	ChE inhibitor	Feb-1997
63	Parathion methyl	0	5	3	II	XXX	ChE inhibitor	Feb-1997
219	Paroxon	-	-	-	-	-		May-1987
1867	Peanuts (in shells)	0	0	0	0	0		Feb-1992
1930	Pellets (concentrates)	-	-	-	-	-		Feb-1992
1099	Pentachloroethane	Z	3	2	0	X		Aug-2002
220	Pentachlorophenol	+	4	3	II	XXX	High percutaneous toxicity; Immunotoxic	Feb-1997
2109	Pentacosa(oxypropane-2,3-diyl)s	-	-	1	I	XX		Aug-1995
1100	Pentadecanoic acid	0	0	(0)	0	0		Mar-1995
1101	1-Pentadecene	0	0	0	0	0		May-1984
1102	1,3-Pentadiene	0	2	-	-	-		Nov-2001
1103	Pentaethylene hexamine	0	(1)	1	II	XX		Aug-2002
1104	Pentaethylenehexamine/Tetraethylenepentamine, mixtures	0	1	1	II	XX		Oct-1985
1699	Pentamethyl heptane	0	0	-	-	-		Feb-1994
1105	Pentane	0	3	0	0	0		Apr-2003
1108	1,5-Pentanedial solution (less than 5%)	0	1	0	II	X	Skin sensitizer	May-1984
1107	1,5-Pentanedial solution, (5-50%)	0	1	2	II	XX		Aug-2002
1109	Pentanoic acid	0	1	1	II	XX		Apr-2002
2144	Pentanoic acid (64%)/2-methyl butyric acid (36%) mixture	0	1	1	II	XXX		Apr-2003
1110	1-Pentanol	0	1/BOD	2	II	X		Aug-2002
1111	2-Pentanol	0	1	1	0	0		Aug-2002
1112	3-Pentanol	0	(1)	1	I	0		Feb-1994
1992	Pentene (all isomers)	0	2	(1)	0	0		Apr-2002
1114	1-Pentene	0	(2)	(1)	0	0		May-2001
1115	2-Pentene	0	2	(1)	0	0		May-2001
1116	Peracetic acid	0	-	3	II	XXX		Feb-1992

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1117	Perchloric acid (not exceeding 50%)	0	-	2	II	X		Mar-1990
1118	Perchloromethyl mercaptan	0	(4)	2	II	XX		Jul-1976
1119	Perlite	0	0/D	0	0	0		Feb-1992
1120	Petalite	0	0	0	0	0		Mar-1973
1961	Petrinex 4R	+	3	(2)	II	XX		Nov-1979
2244	Petrolatum							Apr-2003
1121	Petroleum coke	0	0	0	0	0		Apr-1991
1122	Petroleum wax	0	0	0	0	X		Aug-2002
1747	Petrol, leaded	+	3	2	II	XX	Reproductive toxicity.	Feb-1994
1123	p-Phenetidine	0	(2)	1	II	XX		Mar-1990
221	Phenkapton (ISO)	-	-	2	I	XX		May-1987
2158	Phenmedipham (ISO)	0	3	0	I	X		Feb-1998
1124	Phenol	0	2	2	II	XX		Aug-2002
1125	Phenol sulphonic acid	-	-	1	II	X		Aug-1988
341	d-Phenothrin (ISO)	0	4	0	0	0		Feb-1992
222	Phenthoate (ISO)	+	5	2	I	XX		Feb-1997
2008	1-Phenyl-2-butene	T	3	0	-	-		Feb-1993
2007	4-Phenyl-1-butene	T	3	0	-	-		Feb-1993
2011	1-Phenyl-1-butyne	T	3	-	-	-		Feb-1993
1126	Phenyl carbylamine chloride	0	-	-	II	XXX		Jul-1976
2014	Phenylcyclohexane	-	4	0	-	-		Feb-1994
1127	Phenylene diamines	0	3	2	II	XX	Skin sensitizer	May-1986
1128	2-Phenyl ethyl acetate	0	2	1	I	X		Aug-1988
1129	Phenyl ethyl alcohol	0	(2)	1	0	0		Jun-1975
2013	1-Phenyl-1-hexyne	T	3	-	-	-		Feb-1993
1131	Phenyl hydrazine	0	-	2	II	XX		Jun-1975
1132	Phenyl isocyanate	-	-	1	II	XXX	Lachrymator;Aspiration hazard	Feb-1997
1133	Phenyl mercuric hydroxide	+	(4)	3	II	XXX	Teratogen	Oct-1985
2012	1-Phenyl-1-pentyne	T	3	-	-	-		Feb-1993
2009	1-Phenyl-1-propyne	T	2	-	-	-		Feb-1993
2010	3-Phenyl-1-propyne	T	2	-	-	-		Feb-1993
1134	Phenyl trichlorosilane	0	1	1	II	XX		Sep-1981
1135	Phenylxylylethane	-	-	1	-	-		Apr-2002
64	Phorate	0	5	4	II	XXX	High percutaneous toxicity;ChE inhibitor	Feb-1997
223	Phosalone (ISO)	+	5	2	I	XX	ChE inhibitor	Feb-1997
224	Phosfolan (ISO)	0	-	3	II	XXX	ChE inhibitor	May-1987
1137	Phosgene	0	-	-	II	XX	Delayed lung injury	May-1996
225	Phosmet (ISO)	0	5	3	II	XXX	ChE inhibitor;Reproductive toxicity	Feb-1997
226	Phosphamidon (ISO)	+	5	3	II	XXX		Feb-1997
1854	Phosphate esters, alkyl(C12-C14)amine (LOA)	0	3	0	0	XX		Apr-2003
1946	Phosphate rock (not defluorinated)	0	0/D	0	0	0		Feb-1994
2164	Phosphate rock, calcined	0	0/D	0	0	0		Feb-1998
2166	Phosphate rock, defluorinated	0	0/D	0	0	0		Feb-1998
2165	Phosphate rock uncalcined	0	0/D	0	0	0		Feb-1998
1911	Phosphatic rock	0	0/D	0	0	0		Feb-1992
1138	Phosphoric acid	0	1	1	I	0		May-2001
1139	Phosphorus (elemental yellow)	+	4	4	II	XXX		Apr-2002

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1140	Phosphorus oxybromide	0	-	(2)	II	XX		Nov-1979
1141	Phosphorus oxychloride	0	(1)	2	II	XX		Jan-1984
1142	Phosphorus pentachloride	0	(1)	1	II	XX		Nov-1979
1143	Phosphorus pentoxide	0	1	1	II	XX		Nov-1979
1144	Phosphorus tribromide	0	-	1	II	XX		Nov-1979
1145	Phosphorus trichloride	0	(1)	1	II	XX		Jan-1984
1146	Phthalic anhydride (molten)	0	2	1	II	XX		Aug-2002
1147	Pig iron	0	0	0	0	0		Feb-1992
227	Pindone (and salts ) (ISO)	0	4	2	-	XX		May-1987
40	alpha-Pinene	T	3	1	II	XX	Skin sensitizer	Apr-2002
41	beta-Pinene	0	3	1	II	XX	Skin sensitizer	Apr-2002
1148	Pine oil	0	2	1	I	X		Nov-2002
1650	Piperidine	0	2	3	II	XXX		Feb-1994
228	Pirimicarb (ISO)	0	4	2	0	XX		May-1987
105	Pirimiphos-ethyl	+	4	2	I	XX	ChE inhibitor	May-1987
1149	Pitch coke	0	0	0	0	0		Mar-1973
1813	Pitch prill	0	1	-	II	XX	Human carcinogen; Phototoxic	Apr-1991
1150	Pivaloyl chloride	0	1	1	I	XX		Nov-1979
1151	Poly(C18-C22)alkyl acrylate in xylene	0	2	1	I	X		Apr-2003
2254	Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate							Apr-2003
1152	Polyalkylene glycol-monobutyl ether	0	(1)	(1)	I	X		Apr-2002
1441	Polyalkylene oxide polyol	0	2	0	0	0		Nov-2002
1984	Poly alkyl methacrylate (C1-C20) (LOA)	-	-	-	-	-		Apr-2003
2201	Poly alkyl(C10-C18) methacrylate/ethylene-propylene copolymer mixture	0	0	0	1	XX		Apr-2000
1136	Polyaluminium chloride (sol.)	0	0	(0)	0	0		Apr-2002
1154	Polybutene	0	0	0	0	0		Apr-2002
2055	Polybutenylsuccinimide in oil	0	0	0	0	XX		Apr-2002
1155	Polychlorinated biphenyls (chlorinated dibenzofurans less than 1 ppm)	+	4	1	II	XX	Animal carcinogen	Nov-1986
2246	Poly(2+)cyclic aromatics							Apr-2002
1863	Polyether, borated	0	3	0	0	XX		Apr-1991
1975	Polyether (molecular weight 2000+) (LOA)	0	1	-	-	-		Nov-2002
1757	Polyethylene amine	0	(2)	1	0	0		Oct-1982
1991	Polyethylene amines	0	(2)	1	0	0		Nov-2002
1157	Polyethylene glycol	0	0	0	0	0		Apr-2002
1158	Polyethylene glycol dimethyl ether	0	0	0	0	0		Apr-2002
1156	Polyethylene imines (low molecular weight)	-	-	1	I	0		May-1984
1896	Polyethylene polyamines, alkanolamines mixture	0	1	1	II	XXX	Skin sensitizer	Feb-1993
338	Polyferric sulphate solution	0	(2)	1	I	X		Apr-2002
1874	Polyglycerine, sodium salt, solution	0	0	0	0	0		Apr-2002
1511	Polyglycerol	0	0	0	0	0		Apr-2002
1990	Polyhalogenated biphenyls and terphenyls	+	4	1	II	XX	Animal carcinogen	Nov-1986
2192	Polyisobutenamine in aliphatic (C10-C14) solvent	0	2	1	-	XX		Apr-2003
2127	Polyisobutenyl anhydride adduct	0	0	0	I	X		Apr-2003
2264	Poly(4+)isobutylene							Apr-2003
1153	Polymethylene polyphenyl isocyanate	0	0	0	II	XX		Apr-2002
1895	Polyolefin acid, potassium salt	0	0	1	I	X		Apr-2003
2104	Polyolefinamide alkene(C16+)amine (LOA)	0	0	1	I	XX		Apr-2003

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1971	Polyolefin amide alkeneamine (C28+) (LOA)	0	0	0	0	XXX		Apr-2003
1970	Polyolefin amide alkeneamine borate (C28-C250) (LOA)	0	0	0	I	XXX		Apr-2002
2256	Polyolefin amide alkeneamine/molybden oxysulphide mi							Nov-2002
1989	Polyolefin amide alkylene amine polyol	0	0	0	I	XXX		Apr-2002
2049	Poly (17+) olefin amine	0	2	0	0	0		Feb-1993
2107	Polyolefinamine (C28-C250) (LOA)	0	2	0	I	XX		Apr-2003
2095	Polyolefin aminoester salt	0	1	0	I	XX		May-2001
1969	Polyolefin ester (C28-C250) (LOA)	0	0	0	0	XXX		Apr-2002
1968	Polyolefin (molecular weight 300+) (LOA)	0	0	0	0	0		Nov-2002
1980	Polyolefin phenolic amine (C28-C250) (LOA)	0	0	0	I	XX		Apr-2002
1976	Polyolefin phosphoro sulphide - barium derivative (C28-C250) (LOA)	0	2	1	0	0		Apr-2002
2195	Polyoxybutylene alcohol	0	1	-	-	-		Feb-1998
1442	Polyoxyethylene sorbitan monooleate	0	0	0	0	0		Apr-2002
1512	Polypropylene	-	-	-	-	-		Apr-2002
1159	Polypropylene glycol	0	1	0	0	0		Apr-2003
1160	Polypropylene glycol methyl ether	0	0	1	0	0		Feb-1994
1161	Polysiloxane	0	0	0	0	0		Apr-2002
2147	Poly (tetramethylene) ether glycol (mw 600-3000)	0	3	0	I	XX		May-2001
1162	Polyvinyl benzyl trimethyl ammonium chloride (soln.)	-	-	1	I	0		May-1984
1163	Potash (potassium minerals)	0	(2)	1	I	0		Feb-1992
1164	Potassium arsenate	0	3	2	0	0		Mar-1990
1165	Potassium arsenite	0	3	3	0	0		Mar-1990
1166	Potassium bifluoride	0	1	2	II	XX		Feb-1994
1167	Potassium chlorate	0	0	2	0	0		Feb-1993
1513	Potassium chloride	0	0	2	I	0		Apr-2000
1168	Potassium cyanide	0	4	3	II	XX		Feb-1997
1169	Potassium dichromate ,solid and solution	0	2	2	II	XX	Animal carcinogen;Teratogen	Mar-1995
1170	Potassium fluoride	0	1	2	0	XX		Feb-1994
2121	Potassium formate solution (75% or more)	0	0	0	I	X		Apr-2003
1171	Potassium hydroxide (sol.)	0	1	2	II	X		Apr-2002
1842	Potassium magnesium sulphate	0	0	1	0	0		Feb-1992
1172	Potassium metavanadate	0	2	2	0	0		Nov-1979
1814	Potassium nitrate	0	0	1	0	0		Apr-1991
1497	Potassium oleate	0	(2)	-	I	X		Apr-2002
1173	Potassium oxide	0	2	2	II	X		May-1977
1174	Potassium permanganate	0	3	1	0	X		Jan-1984
1175	Potassium phosphide	0	3	*	II	XXX	*Hazard from immediate release of highly toxic Phosphine	May-1978
1176	Potassium silicate (solution)	0	(1)	(0)	0	0		Oct-1975
1177	Potassium sulphate	0	0	1	0	0		Feb-1993
1178	Potassium sulphide	0	2	2	II	XX		Feb-1993
2152	Potassium thiosulphate solution (50% or less)	0	2	0	I	X		Apr-2003
1179	Potatoes	0	0/BOD	0	0	X		Mar-1973
229	Promecarb (ISO)	0	4	3	II	XXX		May-1987
230	PromuritR	-	-	4	-	XXX		May-1987
1883	Propachlor (ISO)	0	4	1	II	XXX	Skin sensitizer; Photosensitizer	Feb-1997



EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1795	1,2-Propadiene						gas	Jul-1976
1796	Propane						---gas-----	Jan-1984
1563	1-Propanethiol	T	-	1	II	XXX		Feb-1992
1566	2-Propanethiol	T	-	1	II	XXX		Feb-1992
1905	Propane thiols	T	-	1	II	XXX		Feb-1992
1180	Propanol	0	0	1	0	0		Apr-2002
1183	Propanolamine	0	2	1	I	X		Apr-2002
231	Propaphos (ISO)	0	5	2	II	XXX	ChE inhibitor	Feb-1997
1797	Propene						---gas-----	Jun-1980
1184	beta-Propiolactone	0	1	2	II	XXX	Carcinogen	Aug-2002
1185	Propionaldehyde	T	2	1	I	X		Apr-2002
1186	Propionic acid	0	1	1	II	XX		Apr-2002
1187	Propionic anhydride	0	2	1	I	X		Apr-2002
1188	Propionitrile	0	2	3	II	XX		Apr-2002
1189	Propionyl chloride	0	1	1	II	XX		Nov-1979
232	Propoxur (ISO)	0	4	3	II	XXX		Feb-1997
1190	Propoxylated polyglycol	0	1	0	0	XX		Oct-1982
1191	Propyl acetate	0	1	0	0	0		Apr-2002
1194	Propylamine	0	2	1	II	XXX	Lachymator; Aspiration hazard	Apr-2002
2066	Propyl n-amyl ketone	T	3	-	-	-		Feb-1993
1196	Propyl benzene	(T)	3	0	I	X		Feb-1992
2067	Propyl n-butyl ketone	T	2	-	-	-		Feb-1993
1198	Propyl chloride	0	1	(1)	0	0		Apr-2002
2056	Propylene carbonate	0	0	0	I	0		Apr-2003
1201	Propylene dimer	0	(2)	1	0	0		Apr-2002
1202	1,2-Propylene glycol	0	0	0	0	0		Apr-2002
872	Propylene glycol acrylate	0	-	1	II	XX		Jan-1988
1759	Propylene glycol methyl ether acetate	0	1	1	I	X		Apr-2002
1958	Propylene glycol monoalkyl ether						For mono ethyl and mono methyl ethers see individual profiles	Nov-2002
1758	Propylene glycol mono butyl ether	0	0	1	I	X		Feb-1994
1203	Propylene glycol mono ethyl ether	0	(1)	0	I	X		Apr-2002
1204	Propylene glycol mono methyl ether	0	(1)	0	0	0		Feb-1994
1485	Propylene glycol mono propyl ether	0	0	1	I	X		Feb-1994
2057	Propylene glycol phenyl ether	0	1	1	I	X		Apr-2003
1655	Propyleneimine, inhibited	0	-	3	II	XXX	Animal carcinogen; Lachrymator; Aspiration hazard	Feb-1997
76	Propylene oxide	0	2	1	II	XX		Aug-2002
78	Propylene oxide/Ethylene oxide mixture	0	2	2	II	XX		Aug-2002
2255	Propylene tetramer							Apr-2003
1207	Propylene trimer	0	3	1	0	0		May-2001
1208	Propyl formate	0	(0)	1	I	X		Aug-1988
2068	Propyl n-hexyl ketone	T	3	-	-	-		Feb-1993
1656	Propyl isocyanate	0	(1)	-	-	-		Feb-1993
1660	Propyl nitrate	0	-	-	-	-		Feb-1993
1211	Propyl trichlorosilane	0	1	(1)	II	XX		Jun-1980
1794	Propyne						---gas-----	Jun-1980
233	Prothoate (ISO)	0	4	3	II	XXX	ChE inhibitor	May-1987

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1212	Pumice	0	0	0	0	0		Feb-1992
234	Pyrazophos (ISO)	+	4	2	0	XX	ChE inhibitor	May-1987
235	PyrazoxonR	-	-	4	-	XXX	ChE inhibitor	May-1987
1213	Pyridine	0	1/BOD	1	I	XX		Apr-2002
2131	Pyridine bases	0	2	2	II	xxx		Apr-2003
1214	Pyrite residue	0	(1)/D	(1)	II	XX		Feb-1992
2271	Pyrolysis gasoline	+	4	-	-	-		Apr-2003
1835	Pyrophyllite	0	0/D	0	0	0		Feb-1992
1215	Pyrosulphuryl chloride	0	2	3	II	XX		Nov-1979
1661	Pyrrolidine	0	1	2	-	-		Feb-1993
1836	Quartz	0	0/D	0	0	0		Feb-1992
1216	Quicklime	0	1	0	0	0		Apr-1991
912	Quinalfos (ISO)	0	(4)	3	II	XXX	ChE inhibitor	Jan-1988
1888	Quizalofop (ISO)	+	4	1	I	X		Feb-1997
1889	Quizalofop P-methyl (ISO)	+	4	1	I	X		Feb-1993
1217	Rape seed oil	0	0	0	0	XX		Apr-2003
2209	Rape seed oil fatty acid, methyl ester	0	0	0	I	X		Apr-2000
1988	C9Resin feed	T	3	-	II	XXX		Feb-1994
2234	Resin Intermediate RI-1116			1	I	X		May-2001
1218	Rice bran oil	0	0	0	0	XX		Jan-1984
2117	Roehm monomer 6615	0	0	0	II	XX	Skin sensitizer	Mar-1995
1219	Rosin	0	3	0	II	XX	Skin sensitizer	Aug-2002
1662	Rosin oil	-	-	-	-	-		Feb-1993
1220	Rosin soap (disproportionated solution)	0	3	1	0	X		Apr-2002
236	Rotenone (ISO)	Z	5	2	I	XX		Feb-1997
1881	Roundup TM	0	3	1	I	X		Mar-1995
1663	Rubber solution	-	-	-	-	-	Unable to rate because of variable composition: assessment based on solvent used.	Feb-1994
1221	Rutile	0	0/D	0	0	0		Feb-1992
1222	Safflower oil	0	0	0	0	XX		Jan-1984
237	SalithionR; Dioxabenzofos (ISO)	-	5	2	0	XX	ChE inhibitor	Feb-1997
1223	Sand	0	0/D	0	0	0		Feb-1992
2108	Saturated and unsaturated alkyl (C10-C20) phosphite (LOA)	0	2	0	0	XX		Apr-2003
1815	Sawdust	0	0	0	0	0		Apr-1991
238	Schradan (ISO)	0	-	3	II	XXX	High percutaneous toxicity;ChE inhibitor	May-1987
1931	Scrap metal	-	-	-	-	-		Feb-1992
1816	Seed cake	0	0/BOD	(1)	I	X		Feb-1992
1224	Selenic acid	0	3	4	II	XXX		Mar-1990
1447	Selenium	0	-	(3)	II	XX		Mar-1990
1454	Selenium chloride	0	3	(3)	II	XXX		Mar-1990
1448	Selenium dioxide	0	3	(3)	II	XXX		Mar-1990
1450	Selenium disulphide	0	3	3	II	XXX		Mar-1990
1449	Selenium oxychloride	0	3	3	II	XXX		Mar-1990
1225	Sesame oil	0	0	0	0	XX		Jan-1984
1248	Shell sand	0	0	0	0	0		Mar-1973
1956	Shell Sol A	(T)	3	1	0	X		Jan-1984
1957	Shell Sol K	0	0	0	I	X		May-1984

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1959	SHF 61 (Polyolefin)	0	0	0	0	0		Nov-1986
2181	Silafluofen p (ISO)	-	5	0	-	-		Feb-1998
1514	Silica slurry	-	-	-	-	-		Apr-2003
1226	Silicofluorides (solid, N.O.S.)	0	2	2	II	XXX	Aspiration hazard	Feb-1997
1817	Silicomanganese	0	0/D	*	II	XX	* Due to impurities there is a possibility of hazards from immediate release of highly toxic ars	Apr-1991
1227	Silicon tetrachloride	0	1	1	II	XX		May-1984
1228	Silicon tetrafluoride	0	2	(2)	II	XX		Feb-1994
1229	Silver arsenite	0	(4)	(4)	II	XXX		Mar-1990
1230	Silver cyanide	0	4	2	I	X		Jun-1983
114	Simazine (ISO)	0	3	1	I	X		Jan-1988
1841	Slag, granulated, from iron industry	0	0/D	0	0	0		Feb-1992
1902	Sling (iron ore)	-	-	-	-	-		Feb-1992
1231	Soda lime	0	1	1	I	X		May-1977
1498	Sodium acetate	0	(1)	1	I	X		Apr-2002
1232	Sodium alkyl salicylate	0	4	0	0	0		Feb-1997
72	Sodium alkyl salicylate, overbased, in mineral oil	0	4	0	I	XX		Feb-1997
1234	Sodium aluminate (solution)	0	1	1	I	0		Apr-2002
1235	Sodium aluminosilicate slurry	0	0	0	0	0		Apr-2002
1236	Sodium ammonium vanadate	0	2	3	0	0		Nov-1979
1237	Sodium arsanilate	0	(3)	(3)	I	X		Mar-1990
106	Sodium arsenate	0	3	3	II	XX	Animal carcinogen;Teratogen	Mar-1990
328	Sodium arsenite	0	3	3	II	XXX	Human carcinogen;Teratogen	Mar-1990
1238	Sodium azide	0	3	3	0	XX		May-1977
1475	Sodium benzoate	0	1	1	I	X		Apr-2002
1239	Sodium borohydride/sodium hydroxide mixture (soln.)	0	1	2	II	X		Apr-2003
1240	Sodium bromate	0	1	2	I	X		Nov-1986
1241	Sodium bromide	0	0	1	I	0		Oct-1982
1242	Sodium cacodylate	0	2	1	0	0		Feb-1992
1243	Sodium carbonate	0	1	0	0	0		Apr-2002
2285	Sodium carbonate perhydroxyhydrate	0	3	1	II	XXX		
1244	Sodium chlorate solid and solutions (50% or less)	0	0	2	0	0		Apr-2002
1245	Sodium chloride	0	0	0	0	0		Feb-1992
1246	Sodium cuprocyanide (solid)	+	4	3	II	XX		Jan-1988
1247	Sodium cyanide	0	4	3	II	XX		Feb-1997
487	Sodium dichromate solution	0	2	2	II	XX	Animal carcinogen; Tetratogen	Aug-2002
1249	Sodium fluoride	0	1	2	I	XX		Feb-1994
2140	Sodium formate	-	-	0	I	X		May-1996
1250	Sodium hydrogen sulphate	0	1	1	I	0		May-1977
1253	Sodium hydrogen sulphide/Ammonium sulphide(mixture)	0	3	2	II	XX		Apr-2002
2262	Sodium hydrogen sulphide (6% or less)/sodium carbonate (3% or less)							Nov-2002
1252	Sodium hydrogen sulphide,solutions	0	3	2	II	XX		Apr-2003
1251	Sodium hydrogen sulphite,solutions	0	(2)	1	0	0		Apr-2002
1254	Sodium hydroxide	0	1	1	II	X		Apr-2002
1256	Sodium hypochlorite solutions containing 20% and less but more than 2% NaOCl	0	2	2	II	XX	Skin sensitizer	Apr-2002

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1257	Sodium hypochlorite solutions containing 2% or less NaOCl	0	1	2	I	X	Skin sensitizer	May-1987
1255	Sodium hypochlorite solutions containing more than 20% NaOCl	0	3	2	II	XX	Skin sensitizer	May-1987
2088	Sodium lignosulphonate (51% solution in water)	0	0	1	0	0		Aug-1995
1664	Sodium methylate solutions	0	1	-	-	-		Feb-1993
1258	Sodium monoxide	0	1	1	I	0		May-1977
1259	Sodium nitrate	0	0	1	0	0		Apr-1991
1866	Sodium nitrate, potassium nitrate mixture	0	0	1	0	0		Apr-1991
340	Sodium nitrite	0	3	2	0	0		Apr-2002
2284	Sodium perborate monohydrate	-	3	1	II	XXX		
1860	Sodium petroleum sulphonate	0	3	0	II	XXX		Apr-2002
1260	Sodium phosphide	0	3	*	II	XXX	*Hazard from immediate release of highly toxic Phosphine	May-1978
1487	Sodium polyacrylate solution	0	0	1	0	0		Apr-2002
1261	Sodium salicylate	0	0	1	II	X	Animal teratogen	Nov-1986
1451	Sodium selenate	0	3	4	II	XXX	Aspiration hazard	Feb-1997
1452	Sodium selenite	0	3	4	II	XXX	Aspiration hazard	Feb-1997
1262	Sodium silicate (solution)	0	2	1	II	X		Apr-2003
1499	Sodium sulphate (solution)	0	0	0	0	0		Apr-2002
2263	Sodium sulphide (solid)							
1263	Sodium sulphide (solution)	0	2	2	II	XX		Apr-2002
9	Sodium sulphite (solution)	0	2	1	0	0		Apr-2002
1771	Sodium tartrate succinate/Sodium tartrate disuccinate mixtures	0	1	1	I	0		Apr-2002
1264	Sodium thiocyanate	0	(3)	1	0	0		Apr-2002
1473	Sodium thiosulphate	0	2	0	0	0		Mar-1990
37	Solvesso 100 (aromatic solvent, aromatics more than 80%)	T	3	-	-	-		Nov-1986
2215	Sorbitan monooleate	0	3	0	0	0		Apr-2000
1265	Sorbitol	0	0	0	0	0		Apr-2002
1266	Soya bean meal	0	0/BOD	0	0	X		Mar-1973
1267	Soya bean oil	0	0	0	0	XX		Apr-2003
1846	Soya bean oil, epoxydized	0	0	0	0	XX		Apr-1991
1268	Sperm oil	0	0	0	0	XX		Feb-1985
1932	Stainless steel grinding dust	0	0/D	0	0	0		Feb-1992
1269	Stannic chloride	0	(2)	(2)	II	XX		Nov-1979
1270	Stone	0	0/D	0	0	0		Feb-1992
1501	Streptomyces, fermentation residues	0	0	0	0	0		Feb-1989
1271	Strontium arsenite	0	3	3	0	0		Apr-1991
1272	Strontium phosphide	0	3	*	II	XXX	*Hazard from immediate release of highly toxic Phosphine	May-1978
65	Strychnine (and salts)	0	4	4	II	XXX	Convulsant	May-1987
1273	Styrene (monomer)	T	3	2	II	XXX		Aug-2002
1274	Styrene butadiene rubber latex	0	0	0	I	X		Nov-2001
1275	Succinic acid	0	-	0	0	0		Nov-1986
1276	Sugar	0	0/BOD	0	0	0		Feb-1992
66	Sulfotep (ISO)	0	(4)	3	II	XXX	High percutaneous toxicity;ChE inhibitor	Aug-1988
1853	Sulfurized fat(C14-C20) (LOA)	0	1	0	0	XX		Apr-2003
1855	Sulfurized polyolefinamide alkene(C28-C250)amine (LOA)	0	0	0	0	XX		Apr-2003

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1474	Sulphamic acid	0	2	-	II	XX		Feb-1989
1972	Sulpho hydrocarbon (C3-C88) (LOA)	0	1	0	0	XX		Apr-2002
1443	Sulphohydrocarbon, long chain alkyl amine mixture (LOA)	0	3	0	II	XX		
1277	Sulpholane	0	1	1	0	0		Apr-2002
1760	Sulphonated polyacrylate solution	0	1	0	0	0		Apr-2003
906	Sulphur	0	0/D	0	0	0		Apr-2002
1279	Sulphur chlorides	0	3	N/A	II	XXX	Aspiration hazard	Feb-1997
1280	Sulphuric acid	0	2	3	II	XX		May-2001
1281	Sulphurous acid	0	(2)	1	I	0	Column B calculated from COD	Oct-1985
1282	Sulphuryl chloride	0	(2)	(1)	II	XX		Nov-1979
239	Sulprofos (ISO)	+	4	2	I	XXX	ChE inhibitor	May-1987
1283	Sunflower oil	0	0	0	0	XX		Apr-2003
1284	Superphosphates	0	0/D	0	0	0		Feb-1992
2178	Superphosphate, triple granular	0	0/D	0	0	0		Feb-1998
588	sym-Dichlorodiethyl ether	T	2	2	I	XX		Aug-2002
589	sym-Dichlorodimethyl ether	0	(3)	2	II	XXX	Human carcinogen	Feb-1994
2173	Taconite pellets	0	0/D	0	0	0		Feb-1998
1291	Talc rock	0	0/D	0	0	0		Feb-1992
1285	Tall oil, crude and distilled	0	3	0	I	XX		Apr-2003
2283	Tall oil, distilled							Apr-2003
1287	Tall oil fatty acid (resin acids less than 2%)	0	0	0	II	XX		Apr-2002
1864	Tall oil fatty acid, barium salt	0	3	1	I	XX		Nov-2002
1286	Tall oil soap (disproportionated solution)	0	3	1	0	X		Nov-2002
1288	Tallow	0	0/BOD	0	0	XX		Apr-2003
1289	Tallow fatty acid	0	(0)	0	0	XX		Nov-2002
1290	Tallow nitrile	0	4	(1)	0	0		Aug-1995
1819	Tankage	0	0/BOD	0	0	XX		Apr-1991
1292	Tannic acid	0	2	1	0	0		Feb-1985
1837	Tapioca	0	0/BOD	0	0	0		Feb-1992
1293	Tartaric acid	0	-	0	0	0		Nov-1986
241	Temephos (ISO)	-	4	2	II	XX	ChE inhibitor	May-1987
242	Terbufos (ISO)	+	5	4	II	XXX	High percutaneous toxicity;ChE inhibitor	Feb-1997
243	Terbumeton (ISO)	0	3	2	I	XX		May-1987
1960	Tergitol 15 S9	0	-	1	I	XX		Jun-1980
1719	Terpene hydrocarbons N.O.S.	-	-	-	-	-		Feb-1994
1720	Terpinolene	-	-	1	-	-		Feb-1994
10	1,1,2,2-Tetrabromoethane	Z	2	2	II	XX		Apr-1991
53	1,1,2,2-Tetrachloroethane	Z	2	2	II	X		Nov-2002
1295	1,1,2,2-Tetrachloroethylene	Z	2	0	0	X		Aug-2002
1296	Tetrachloromethane	Z	2	1	II	XX	Hepatotoxic, Nephrotoxic, Narcosis	Aug-2002
1892	Tetrachlorvinphos (ISO)	+	4	1	II	XXX	ChE inhibitor	Feb-1992
1503	1-Tetradecanal	-	0	-	-	-		Feb-1989
1297	Tetradecane	-	0	-	-	-		Nov-1986
1298	Tetradecanoic acid (Myristic acid)	0	0	0	I	X		May-2001
1299	1-Tetradecanol	0	0	0	I	X		Feb-1994
1494	Tetradecyl benzene	0	0	-	-	-		Mar-1990
1300	Tetraethyl dichloropyrophosphate	-	-	-	-	-		Jun-1980

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1301	Tetraethylene glycol	0	(0)	0	0	0		Nov-2002
1302	Tetraethylene pentamine	0	1	1	I	X		Nov-2002
1303	Tetraethyl lead	+	4	3	II	XXX	Neurotoxic. Male reproductive toxicity.	Apr-2003
107	Tetraethyl pyrophosphate	0	4	4	II	XXX	High percutaneous toxicity;Neurotoxic	Feb-1997
1724	Tetraethyl silicate	-	-	0	I	X		Feb-1994
1304	Tetrahydrofuran	0	1	1	0	0		Apr-2002
1723	Tetrahydrofurfurylamine	-	-	-	-	-		Feb-1994
1305	Tetrahydronaphthalene	0	2	1	I	X		Nov-2002
1665	1,2,3,6-Tetrahydropyridine	0	(1)	-	-	-		Feb-1993
1666	Tetrahydrothiophene	0	-	-	-	-		Feb-1994
342	Tetramethrin (ISO)	0	4	1	0	0		Feb-1992
1306	Tetramethyl ammonium hydroxide	0	2	-	II	XX		Sep-1981
1307	1,2,3,4-Tetramethylbenzene	T	3	0	0	0		Nov-2002
1927	1,2,3,5-Tetramethylbenzene	T	3	-	-	-		Feb-1992
1926	1,2,4,5-Tetramethylbenzene	T	3	-	-	-		Feb-1992
1585	Tetramethylethylenediamine	0	1	1	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1308	Tetramethyl lead	+	3	3	II	XXX	Neurotoxic. Male reproductive toxicity.	Aug-1995
1564	Tetramethylsilane	-	-	-	-	-		Feb-1992
1722	Tetrapropyl orthotitanate	-	-	-	-	-		Feb-1994
67	Thallium compounds	+	2	3	II	XXX	Neurotoxic	Jan-1988
1667	Thioacetic acid	-	-	(3)	-	-		Feb-1994
1309	Thioglycolic acid	0	-	2	II	XX		May-1977
244	Thiometon (ISO)	0	4	2	II	XXX	ChE inhibitor	Feb-1997
245	Thionazin (ISO)	0	-	4	II	XXX	High percutaneous toxicity;ChE inhibitor	May-1987
1310	Thionyl chloride	0	(2)	-	II	XX		May-1977
1668	Thiophene	-	-	3	-	-		Feb-1994
1311	Thiophosgene	-	-	1	II	XX		Nov-1979
1312	Thiophosphoryl chloride	0	-	-	II	XX		Jun-1980
2210	Thixatrol plus	0	3	0	I	X		May-2001
2080	Titanium dioxide (64 - 77% solution in water)	0	0	0	0	0		Apr-2003
1313	Titanium slag	0	0	0	0	0		Mar-1973
1314	Titanium tetrachloride	0	1	1	II	XX		Feb-1985
330	Toluene	0	2	1	II	XXX		Aug-2002
1315	Toluene diisocyanate	0	2	0	II	XXX		Aug-2002
1316	Toluidines	0	2	2	II	XX		Nov-2002
1317	2,4-Tolylenediamine	0	2	2	II	XX	Animal carcinogen	Apr-2003
246	Triadimefon (ISO)	0	3	2	I	XX		May-1987
1748	C10-Trialkyl acetic acid	0	2	1	I	X		Jun-1980
1725	Triallylamine	-	-	2	II	XXX		Feb-1994
247	Triamiphos (ISO)	-	-	3	II	XXX		May-1987
248	Triazophos (ISO)	0	4	2	I	XX	ChE inhibitor	May-1987
1318	Tributylamine	0	2	2	II	XX	Aspiration hazard	Feb-1997
1319	Tributyl phosphate	0	3	1	II	XX		Nov-2002
1952	Tributyl tin acetate	+	5	2	II	XXX	Aspiration hazard	Feb-1997
1953	Tributyl tin chloride	+	5	2	II	XXX	Aspiration hazard	Feb-1997

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
249	Tributyl tin compounds (See also individual compounds)	+	5	3	II	XXX	Some compounds are neurotoxic others are immunotoxic	Feb-1997
1954	Tributyl tin oxide	+	5	2	II	XXX	Immunotoxic	Feb-1997
250	Tricamba (ISO)	-	-	2	-	XX		May-1987
251	Trichlorfon (ISO)	0	5	2	I	XX	ChE inhibitor	Feb-1997
1320	Trichloroacetaldehyde	0	1	2	0	0		Feb-1994
1321	Trichloroacetic acid	0	1	1	I	XX		Feb-1992
1322	Trichloroacetyl chloride	0	2	1	II	XX		Nov-1979
2191	1,2,3-Trichlorobenzene	+	4	1	I	X		Apr-2003
1323	1,2,4-Trichlorobenzene	Z	3	1	I	X		Nov-2002
1325	Trichlorobutene	Z	(2)	2	0	0		Apr-1991
1326	1,1,1-Trichloroethane	0	2	1	0	0		Apr-2003
1327	1,1,2-Trichloroethane	0	2	1	0	0		Nov-2002
329	1,1,2-Trichloro-ethylene	0	2	1	II	XX	Carcinogen	Aug-2002
1951	Trichlorofluoro-methane						Gas	Feb-1994
1328	Trichloromethane	0	2	2	II	XX		Aug-2002
252	Trichloronat (ISO)	0	5	3	II	XXX	High percutaneous toxicity;ChE inhibitor	Feb-1997
240	2,4,5-Trichloro-phenoxyethanoic acid	0	3	2	0	XXX		May-1986
1329	1,2,3-Trichloropropane	0	(2)	2	II	X		Nov-2002
1330	1,1,2-Trichloro-1,2,2-trifluoroethane	0	2	0	I	X		Nov-2002
1331	Tricresyl phosphate (less than 1% ortho-isomers)	+	3	1	II	XX	Delayed neurotoxicity	Nov-2002
1332	Tricresyl phosphate (more than 1% ortho-isomers)	+	4	1	II	XXX	Delayed neurotoxicity	Nov-2002
1939	1-Tridecanal							
1333	Tridecane	0	0	-	-	-		Apr-2003
1334	Tridecanoic acid	0	3	(1)	0	X		Nov-2002
1335	1-Tridecanol	0	0	0	0	X		Feb-1994
1336	Tridecene, Tetracene and mixtures	0	0	0	0	0		Feb-1985
1768	Tridecyl acetate	0	0	0	I	X		Nov-2002
1337	Tridecyl benzene	0	0	-	-	-		Mar-1990
1338	Triethanolamine	0	1	0	I	0		Aug-2002
1339	Triethylamine	0	2	3	II	XXX	Lachrymator; Aspiration hazard	Nov-2002
1340	1,3,5-Triethylbenzene	T	4	0	0	0		Nov-2002
1621	Triethyl borate	0	1	2	II	XX	Testicular toxicity	Feb-1993
1341	Triethylene glycol	0	0	0	0	0		Nov-2002
1342	Triethylene glycol di-2-ethyl butyrate	-	-	1	I	X		Mar-1990
1343	Triethylene glycol monobutyl ether	0	0	0	I	X		Feb-1994
1344	Triethylene glycol monoethyl ether	0	0	0	0	0		Feb-1994
1345	Triethylene glycol monomethyl ether	0	0	0	0	0		Feb-1994
1346	Triethylenetetramine	0	1	1	II	XXX	Aspiration hazard	Nov-2002
1347	Triethyl pentanediol	0	-	(1)	0	0		May-1984
1348	Triethyl phosphate	0	1	1	II	XX		Nov-2002
1349	Triethyl phosphite	0	(3)	1	I	X		Apr-2003
1949	Triethyl tin	+	4	3	II	XXX	Neurotoxic	Jan-1988
1369	Triisooctyl trimellitate	-	-	-	-	-		May-1986
1370	Triisopropanolamine	0	0	1	II	X		Nov-2002
1375	Triisopropylated phenyl phosphates	+	3	0	I	X		Nov-2002
1727	Triisopropyl borate	-	-	1	I	X		Feb-1994

EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1350	Trimethylacetic acid	0	1	1	I	X		Nov-2002
1353	Trimethylamine	0	2	2	II	XXX	Lachrymator; Aspiration hazard	Nov-2002
1354	1,2,3-Trimethyl benzene	T	3	0	I	X		Nov-2002
1355	1,2,4-Trimethyl benzene	T	3	0	I	X		Feb-1992
1356	1,3,5-Trimethyl benzene	T	3	0	I	X		Feb-1992
1565	Trimethyl borate	0	1	1	I	X		Feb-1994
1357	Trimethyl chlorosilane	0	1	(1)	II	XX		Jun-1980
1358	Trimethyl cyclohexylamine	0	(2)	(2)	I	XX		Nov-1979
1359	2,4,4-Trimethyl hexamethylene diamine	0	(1)	(1)	I	XX		Nov-2002
1360	Trimethyl hexamethylene diisocyanate	0	3	-	I	X		Nov-2002
1361	Trimethylol propane	0	0	0	0	0		Dec-1980
1362	Trimethylol propane polyethoxylate	0	1	0	0	0		Nov-2002
2274	Trimethylol propane, propoxylated							Apr-2003
1363	Trimethyl pentanediol	0	-	(1)	0	0		Dec-1980
1845	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	0	0	1	I	X		Nov-2002
1364	2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	0	2	1	0	0		Nov-2002
1365	Trimethyl phosphite	0	-	1	0	0		Apr-2003
1950	Trimethyl tin	+	4	3	II	XXX	Neurotoxic	Jan-1988
1366	1,3,5-Trinitrobenzene	0	-	2	-	X		May-1978
1367	2,4,6-Trinitrophenol	0	3	(2)	II	XX		Aug-1988
1368	2,4,6-Trinitrotoluene	0	3	1	II	XX		May-1978
1844	1,3,5-Trioxane	0	0	0	II	XX		Nov-2002
1533	Trioxitol	0	0	0	0	0		May-1978
2124	Triphenyl phosphate	+	4	1	I	XX	ChE inhibitor	May-1996
2123	Triphenyl phosphate/tert-butylated triphenyl phosphates mixtures containing 10-48% of triphenyl phosphate	+	4	1	I	XX	ChE inhibitor	Feb-1997
2160	Triphenyl phosphate/tert-butylated triphenyl phosphates mixtures containing 5 to 10% triphenyl phosphate	+	3	1	I	XX	ChE inhibitor	Feb-1997
253	Triphenyl tin compounds (other than acetate and hydroxide)	+	5	-	-	-		Feb-1997
1371	Tripropylamine	0	(2)	2	II	XXX	Lachrymator; Aspiration hazard	Feb-1997
1372	Tripropylene glycol	0	0	0	0	0		Nov-2002
1373	Tripropylene glycol monomethyl ether	0	(1)	1	I	X		Feb-1994
1374	Tripropylene glycol monomethyl ether acetate	0	(1)	1	I	X		Feb-1994
1376	Tris(1-aziridinyl) phosphine oxide (solution)	0	-	3	II	XX	Animal carcinogen	Nov-1986
2212	Tris (monochloropropyl) phosphate	0	2	1	I	XX		Apr-2000
2060	1,3,5-Tri-tertbutylbenzene	0	0	-	-	-		Feb-1994
1377	Trixylenyl phosphate	+	3	(1)	II	XXX		Nov-2002
1378	Tung oil	0	0	0	0	XX		Apr-2003
1379	Turpentine (wood)	T	2	1	II	XX		Nov-2002
2113	UCARSOL CR Solvent 302 SG	0	1	1	II	XX	Aspiration hazard. Skin sensitizer. Respiratory sensitizer.	Mar-1995
1532	UCARSOL solvents: CR301 CR401 HS101 HS103	0	1	1	II	XX		Feb-1989
1937	1-Undecanal							
1380	Undecane	0	0	(1)	0	0		Nov-1986
1381	Undecanoic acid	0	3	(1)	I	XX		Nov-2002
1382	1-Undecanol	T	3	1	I	X		Apr-2003
1383	1-Undecene	0	3	(1)	0	0		Nov-2002



EHSNo.	EHS Name	A	B	C	D	E	Remarks	Reviewed
1495	Undecylbenzene	0	0	-	-	-		Feb-1992
1384	Urea	0	0/BOD	0	0	0		May-2001
1386	Urea/Ammonium mono and dihydrogen phosphate/ Potassium chloride solution	0	1	0	0	0		Apr-2003
1387	Urea-ammonium nitrate solutions	0	1	1	0	0		Nov-2002
2179	Urea-ammonium phosphate solutions	0	1	0	0	0		Nov-2002
1388	Urea-formaldehyde resin solution	0	0	1	0	0		Nov-2002
1385	Urea, solution containing aqueous ammonia	0	2	1	I	X		Aug-2002
1389	Valeraldehyde	T	2	1	I	X		Feb-1994
1391	Valeryl chloride	0	1	(1)	II	XX		Jun-1983
254	Vamidithion (ISO)	0	4	3	II	XXX	ChE inhibitor	Feb-1997
1884	Vammar-D9 TNS	0	1	0	I	XX		Feb-1992
1820	Vanadium ore	0	-/D	(2)	II	XX		Apr-1991
1392	Vanadium oxytrichloride	0	(2)	2	II	XX		Nov-1979
1393	Vanadium pentoxide	0	2	4	II	XX		Nov-1979
1394	Vanadium tetrachloride	0	(2)	2	II	XX		Nov-1979
1395	Vanadium trichloride	0	(2)	2	II	XX		Nov-1979
1396	Vanadium trioxide	0	(2)	2	I	X		Nov-1979
1397	Vegetable oil N.O.S.	0	0	(1)	I	XX		Apr-2003
1398	Vegetable protein solution,hydrolyzed	0	0	0	0	0		Nov-2002
1869	Vermiculite (before exfoliation)	0	0/D	0	0	0		Feb-1992
1843	Vermiculite (exfoliated)							
1399	Vermiculite (natural)	0	0	0	0	0		Jun-1980
1534	Versatic 10	0	2	1	I	X		Jun-1980
1400	Vinyl acetate	0	2	1	0	0		Aug-2002
1401	Vinyl acetate, fumarate copolymer	-	-	-	-	-		May-1986
1671	Vinyl butyrate	-	-	0	I	X		Feb-1994
1402	Vinyl chloride (inhibited)	0	N/A	N/A	II	XXX	Gas;Human carcinogen;Teratogen	Jan-1984
1403	Vinyl cyclohexene	0	-	1	0	0		Feb-1985
1405	Vinyl ethyl ether	0	2	0	0	XX		Apr-2003
1406	Vinylidene chloride	0	1	2	II	XX	Animal carcinogen	Nov-2002
1670	Vinyl isobutyl ether	0	-	0	0	0		Feb-1994
1407	Vinyl methyl ether	0	-	1	0	X		Feb-1994
1404	Vinyl neodecanoate	0	3	0	II	X		Nov-2002
1409	Vinyl toluenes	T	3	1	I	X		Nov-2002
1410	Vinyl trichlorosilane	0	(1)	1	II	XX		Jun-1980
2115	Viscoplex 5011B	0	0	0	I	XX		May-1996
108	Warfarin (ISO)	0	4	2	II	XXX	Teratogen	May-1987
1948	Water gas						---gas-----	May-1978
36	White spirit, dearomatized (Aromatics less than 1%)	0	0	1	II	X	Not generally representative for all White Spirits	Feb-1998
1411	White spirit, low (15-20%)aromatic	Z	3	1	II	X	Not generally representative for all White Spirits	Nov-2002
1412	Wine	0	0	0	0	0		Jan-1984
1899	Wood	0	0	0	0	X		Feb-1992
1413	Woodbark	0	0/D/BO D	0	0	0		Mar-1973
1821	Wood chips	0	0	0	0	X		Feb-1992
1414	Wood pulp	0	0/BOD	0	0	X		Apr-1991
1933	Wood pulp liquors	-	-	-	-	-		Feb-1992

<b>EHSNo.</b>	<b>EHS Name</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>Remarks</b>	<b>Reviewed</b>
1822	Wood pulp pellets	0	0/BOD	0	0	X		Feb-1992
1408	Xylene (mixed isomers)	0	3	1	II	XX		Aug-2002
2269	Xylenes/Ethyl benzene (10% or more) mixture							Apr-2003
1416	2,3-Xylenol	T	2	2	I	XX		Aug-1988
1417	2,4-Xylenol	T	2	1	I	XX		Aug-1988
1418	2,5-Xylenol	T	2	2	I	XX		Aug-1988
1419	2,6-Xylenol	T	2	2	I	XX		Aug-1988
1420	3,4-Xylenol	T	2	2	I	XX		Aug-1988
677	3,5-Xylenol	T	2	2	II	XX		Aug-1988
1422	Xylenols (mixtures)	T	2	2	II	XX		Nov-2002
1415	Xylidine	0	2	1	II	XX		Feb-1989
1423	Xylyl bromide	0	-	-	-	-		May-1977
1977	Zinc alkaryl dithiophosphate (C7-C16) (LOA)	+	(2)	1	II	XX		Nov-2002
2053	Zinc alkenylcarboxamide (LOA)	0	0	0	0	XX		Apr-2003
1428	Zinc alkyl dithiophosphate	0	3	1	II	XX		Nov-2002
1424	Zinc arsenate and arsenite (solid mixtures)	0	3	3	-	-		Mar-1990
1823	Zinc ashes	-	-	-	-	-		Feb-1992
2227	Zinc bromide solutions			1	II	XXX		May-2001
1425	Zinc chloride	0	3	2	0	0		May-2001
1426	Zinc concentrates (sulphides)	0	0/D	0	0	0		Feb-1992
1427	Zinc cyanide	0	4	3	I	0		Feb-1997
1934	Zinc ore (burnt)	+	3/D	0	0	0	Suspect lead content	Feb-1992
1826	Zinc ore (calamine)	0	0/D	0	0	0		Feb-1992
2069	Zinc oxide	0	3	2	I	X		Feb-1994
1429	Zinc phosphide	0	3	3	II	XX		Mar-1990
1903	Zinc sinter	+	3/D	0	0	0	Suspect lead content	Feb-1992
1904	Zinc sludge	-	-	-	-	-		Feb-1992
1431	Zirconium tetrachloride	0	1	1	I	XX		Nov-1979
1430	Zircon sand	0	0/D	0	0	0		Feb-1992

## APPENDIX

### ABBREVIATED LEGEND TO THE HAZARD PROFILES

#### Column A - Bioaccumulation and Tainting

- + Bioaccumulated to a significant extent and known to produce a hazard to aquatic life or human health
- Z Bioaccumulated with an attendant risk to aquatic organisms or human health, but with a short retention time of the order of one week or less
- T Liable to produce tainting of seafood
- 0 No evidence to support one of the above ratings (+, Z or T)

#### Column B - Damage to living resources

#### 96h LC50 to aquatic organisms

- |   |                       |               |
|---|-----------------------|---------------|
| 5 | Extremely toxic       | < 0.01 mg/l   |
| 4 | Highly toxic          | 0.01-1 mg/l   |
| 3 | Moderately toxic      | 1-10 mg/l     |
| 2 | Slightly toxic        | 10-100 mg/l   |
| 1 | Practically non-toxic | 100-1000 mg/l |
| 0 | Non-hazardous         | >1000 mg/l    |
- D Substances likely to blanket the sea-bed
- BOD Substances with an oxygen demand

#### Column C - Hazard to human health by oral intake

#### Oral LD50 to mammals

- |   |                           |                |
|---|---------------------------|----------------|
| 4 | Highly hazardous          | <5 mg/kg       |
| 3 | Moderately hazardous      | 5-50 mg/kg     |
| 2 | Slightly hazardous        | 50-500 mg/kg   |
| 1 | Practically non-hazardous | 500-5000 mg/kg |
| 0 | Non-hazardous             | > 5000 mg/kg   |

#### Column D - Hazard to human health by skin and eye contact or inhalation

- II Hazardous (Severe irritation, strong sensitizer, lung injury, percutaneous toxicity, carcinogenic, or other specific long-term adverse health effects)
- I Slightly hazardous (mild irritation, weak sensitizer)
- 0 Non-hazardous (non-irritant, not a sensitizer)

## Column E - Reduction of amenities

- XXX Highly objectionable because of persistency, smell, poisonous or irritant characteristics; as a result, contaminated beaches are liable to be closed; also used when there is clear evidence that the substance is a human carcinogen or that the substance has the potential to produce other serious specific long-term adverse health effects in humans.
- XX Moderately objectionable because of the above characteristics, but short-term effects leading only to temporary interference with the use of beaches; also used when there is credible scientific evidence that the substance is an animal carcinogen but where there is no clear evidence to indicate that the material has caused cancer in humans, or when there is evidence from laboratory studies that the substance could have the potential to produce other serious specific long-term health effects.
- X Slightly objectionable, non-interference with the use of beaches.
- 0 No problem
- Ratings in brackets indicate that insufficient data are available to the GESAMP experts on specific substances and so extrapolation was required.
- N Not applicable (e.g. if gases)
- Indicates that data were not available to the GESAMP Working Group

Note: The descriptive terms such as highly toxic, non-hazardous etc., were used by the original panel for the purposes of the 1973 International Conference on Marine Pollution. They have no particular significance in terms of the hazard posed outside the particular circumstances addressed by that Conference and IMO, i.e. marine pollution as a consequence of discharges or spillages from ships.

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