

THE LANCET **Neurology**

Supplementary webappendix

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Supplementary webappendix

Grandjean P, Landrigan PJ. Neurobehavioural effects of developmental toxicity

Appendix table 1. Chemicals known to be human neurotoxicants

CAS number	Compound
<i>Metals and inorganic compounds</i>	
7429905	Aluminum
7440382	Arsenic and arsenic compounds
14343692	Azides
7440393	Barium compounds
7440699	Bismuth compounds
630080	Carbon monoxide
57125	Cyanides
17702419	Decaborane
19287457	Diborane
627441	Ethylmercury
16984488	Fluorides
7783064	Hydrogen phosphide
78002	Hydrogen sulfide
7439932	Lead and lead compounds
7439965	Lithium compounds
7439976	Manganese and manganese compounds
22967926	Mercury and mercuric compounds
13463393	Methylmercury
19624227	Nickel carbonyl
7803512	Pentaborane
7723140	Phosphine
7782492	Phosphorus
13494809	Selenium compounds
7440280	Tellurium compounds
7440315	Thallium compounds
7429905	Tin compounds
<i>Organic solvents</i>	
67641	Acetone
71432	Benzene
100516	Benzyl alcohol
106945	1-Bromopropane
75150	Carbon disulfide
67663	Chloroform
110827	Cyclohexane
108930	Cyclohexanol
108941	Cyclohexanone
106934	1,2-Dibromoethane
79436	Dichloroacetic acid

75092	Dichloromethane
111466	Diethylene glycol
68122	N,N-Dimethylformamide
64175	Ethanol (Alcohol)
141786	Ethyl acetate
107211	Ethyl chloride
110805	Ethylene glycol
109864	Ethylene glycol ethyl ether (Ethoxyethanol)
111466	Ethylene glycol methyl ether (Methoxyethanol or Methyl cellosolve)
110543	n-Hexane
78591	Isophorone
67630	Isopropyl alcohol
67561	Methanol (Methyl alcohol)
591786	Methyl-n-butyl ketone (2-Hexanone)
96377	Methylcyclopentane
78933	Methyl ethyl ketone
108101	Methyl isobutyl ketone
78820	2-Methylpropanenitrile
98953	Nitrobenzene
79469	2-Nitropropane
71410	1-Pentanol
110861	Pyridine
100425	Styrene
79345	1,1,2,2-Tetrachloroethane
127184	Tetrachloroethylene (Perchloroethylene)
108883	Toluene
71556	1,1,1-Trichloroethane (Methylchloroform)
79016	Trichloroethylene
1330207	Xylenes

Other organic substances

75865	Acetone cyanohydrin (2-Hydroxy-2-methylpropanenitrile)
79061	Acrylamide (2-Propenamide)
107131	Acrylonitrile
107051	Allyl chloride (1-Chloro-2-propene)
62533	Aniline
106503	1,4-Benzenediamine (4-Aminoaniline)
91156	1,2-Benzenedicarbonitrile (1,2-Dicyanobenzene)
100470	Benzonitrile
106990	1,3-Butadiene
220352352	Butylated triphenyl phosphate
105602	Caprolactam (Azepan-2-one)
126998	Chloroprene
98828	Cumene
121824	Cyclonite (RDX)
4074888	Diethylene glycol diacrylate
84742	Di-N-butyl phthalate
77781	Dimethyl sulfate
30260663	Dimethylhydrazine

1738256	3-(Dimethylamino)-propanenitrile
25154545	Dinitrobenzene
25321146	Dinitrotoluene
538078	Ethylbis(2-chloroethyl)amine
74851	Ethylene
75218	Ethylene oxide
640197	Fluoroacetamide
144490	Fluoroacetate
70304	Hexachlorophene
302012	Hydrazine
123319	Hydroquinone
74873	Methyl chloride (Chloromethane)
107313	Methyl formate
74884	Methyl iodide
80626	Methyl methacrylate
100016	4-Nitroaniline
108952	Phenol
100630	Phenylhydrazine
67774327	Polybrominated biphenyls (PBBs)
63936561	Polybrominated diphenyl ethers (PBDEs)
1336363	Polychlorinated biphenyls (PCBs)
75569	1,2-Propylene oxide
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
126738	Tributyl phosphate
78308	Tri-o-cresylphosphate
512561	Trimethyl phosphate
115866	Triphenyl phosphate
555771	Tris(2-chloroethyl)amine (Trichlormethine)
75014	Vinyl chloride (Chloroethene)
<i>Pesticides</i>	
135410207	Acetamiprid
116063	Aldicarb (Temik)
309002	Aldrin
33089611	Amitraz
65195553	Avermectin
741582	Bensulide
2104963	Bromophos (Brofene)
63252	Carbaryl (Sevin)
1563662	Carbofuran (Furadan)
786196	Carbophenothion (Trithion)
15879933	α -Chloralose
12789036	Chlordane
470906	Chlorfenvinphos
24934916	Chlormephos
500287	Chlorothion
2921882	Chlorpyrifos (Dursban, Lorsban)
56724	Coumaphos
68085858	Cyhalothrin (Karate)

947024	Cyolane (Phospholan)
52315078	Cypermethrin
52918635	Deltamethrin (Decamethrin)
919868	Demeton-S-methyl
10311849	Dialifor
333415	Diazinon
97176	Dichlofenthion
96128	1,2-Dibromo-3-chloropropane (DBCP)
50293	Dichlorodiphenyltrichloroethane (DDT)
94757	2,4-Dichlorophenoxyacetic acid (2,4-D)
542756	1,3-Dichloropropene
62737	Dichlorvos (DDVP, Vapona)
60571	Dieldrin
115264	Dimefox
60515	Dimethoate
534521	4,6-Dinitro-o-cresol
88857	Dinoseb
78342	Dioxathion
298044	Disulfoton
17109498	Edifenphos
119791412	Emamectin
115297	Endosulfan (Thiodan)
2778043	Endothion
72208	Endrin
29973135	Ethiofencarb (Croneton)
563122	Ethion
13194484	Ethoprop
2104645	O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate (EPN)
122145	Fenitrothion
115902	Fensulfothion
55389	Fenthion
51630581	Fenvalerate
120068373	Fipronil (Termidor)
944229	Fonofos
2540821	Formothion
1071836	Glyphosate
76448	Heptachlor
23560590	Heptenophos
118741	Hexachlorobenzene
79983714	Hexaconazole
138261413	Imidacloprid
297789	Isobenzan
119380	Isolan
18854018	Isoxathion
143500	Kepone (Chlordecone)
21609905	Leptophos
58899	Lindane (γ -Hexachlorocyclohexane)
150505	Merphos

108623	Metaldehyde
10265926	Methamidophos
950378	Methidathion (Suprathion)
16752775	Methomyl
74839	Methyl bromide
298000	Methyl parathion (Parathion-methyl)
7786347	Mevinphos
315184	Mexacarbate (Zectran)
371868	Mipafox
2385855	Mirex
6923224	Monocrotophos
300765	Naled
54115	Nicotine
301122	Oxydemeton-methyl
56382	Parathion
87865	Pentachlorophenol
298022	Phorate
13171216	Phosphamidon (Dimecron)
7292162	Propaphos
114261	Propoxur (Baygon)
53558251	Pyriminil (Pyrinuron, Vacor)
107448	Sarin
152169	Schradan
96640	Soman
35400432	Sulprofos
8065483	Systox (Demeton)
96182535	Tebupirimfos
79538322	Tefluthrin
13071799	Terbufos
80126	Tetramethylenedisulfotetramine (Tetramine)
137268	Thiram
8001352	Toxaphene
93765	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)
52686	Trichlorfon
327980	Trichloronate
