

Sittig's Handbook of

Toxic and Hazardous Chemicals and Carcinogens

Volume 1: A-H

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Isopropyl Chloroformate	1357
Isopropyl Formate	1359
Isopropyl Glycidyl Ether	1360
Isopropyl Isocyanate	1362

K


Kerosene	1364
Ketene	1366

L

Lactonitrile	1368
Lead-Metallic and Inorganic	1369
Lead Acetate	1372
Lead Arsenate	1375
Lead Chloride	1377
Lead Chromate	1380

Lead Dioxide	1382	Mercuric Oxide	1472
Lead Fluoborate	1384	Mercuric Oxycyanide	1475
Lead Fluoride	1386	Mercuric Sulfate	1476
Lead Iodide	1388	Mercury	1479
Lead Phosphate	1390	Mercury Alkyl Compounds	1482
Lead Stearate	1392	Mercury Thiocyanate	1484
Lead Subacetate	1394	Mesitylene	1485
Lead Sulfate	1397	Mesityl Oxide	1487
Lead Sulfide	1399	Metaldehyde	1489
Lead Thiocyanate	1401	Methacrylic Acid	1490
Leptophos	1403	Methacrylonitrile	1491
Lewisite	1405	Methallyl Alcohol	1494
Lindane	1406	Methamidophos	1495
Liquefied Petroleum Gas	1409	Methane	1497
Lithium	1411	Methidathion	1498
Lithium Aluminum Hydride	1412	Methiocarb	1500
Lithium Carbonate	1414	Methomyl	1502
Lithium Chromate	1415	Methotrexate	1504
Lithium Hydride	1416	Methoxychlor	1505
Lithium Nitrate	1418	Methoxyethyl Acetate	1507
Lomustine	1419	Methoxyethylmercuric Acetate	1509
		4-Methoxyphenol	1511
		Methyl Acetate	1512
		Methyl Acetylene	1514
		Methyl Acetylene/Propadiene Mixture	1515
		Methyl Acrylate	1517
		Methylal	1519
		Methyl Alcohol	1521
		Methylamine	1523
		Methyl Amyl Acetate	1525
		Methyl <i>n</i> -Amyl Ketone	1527
		<i>N</i> -Methylaniline	1528
		Methyl Benzoate	1530
		Methyl Bromide	1531
		Methyl- <i>tert</i> -Butyl Ether	1534
		Methyl <i>n</i> -Butyl Ketone	1535
		Methyl Chloride	1537
		Methyl 2-Chloroacrylate	1540
		Methyl Chloroformate	1541
		Methyl Chlorosilane	1543
		Methyl Cyanoacrylate	1544
		Methylcyclohexane	1546
		Methylcyclohexanol	1547
		2-Methylcyclohexanone	1549
		Methyl Cyclopentane	1550
		Methyl Dichlorosilane	1552
		4,4'-Methylenebis(2-Chloroaniline)	1553
		Methylenebis(4-Cyclohexyl Isocyanate)	1555
		4,4'-Methylenebis(<i>N,N</i> -Dimethyl) Aniline	1557
		Methylenebis(Phenyl Isocyanate)	1558
		Methylene Bromide	1560
		Methylene Chloride	1562
		Methyl Ethyl Ether	1565
		Methyl Ethyl Ketone	1566
Magnesium	1421		
Magnesium Chlorate	1423		
Magnesium Hydride	1424		
Magnesium Nitrate	1425		
Magnesium Oxide (Fume)	1426		
Magnesium Perchlorate	1428		
Magnesium Peroxide	1429		
Magnesium Silicide	1430		
Magnesium Silico-fluoride	1431		
Malathion	1433		
Maleic Acid	1436		
Maleic Anhydride	1437		
Maleic Hydrazide	1439		
Malononitrile	1441		
Maneb	1442		
Manganese (Dust and Fume)	1444		
Manganese Dioxide	1447		
Manganese Nitrate	1448		
Manganese, Tricarbonyl Methylcyclopentadienyl	1450		
MCPA	1451		
Mechloroethamine	1453		
Melamine	1454		
Melphalan	1455		
Mepfosfolan	1457		
Mercuric Acetate	1458		
Mercuric Bromide	1460		
Mercuric Chloride	1463		
Mercuric Cyanide	1465		
Mercuric Iodide	1467		
Mercuric Nitrate	1470		

M

Methyl Ethyl Ketone Peroxide	1569	1-Naphthylamine	1656
2-Methyl-5-Ethyl Pyridine	1570	2-Naphthylamine	1658
Methyl Formate	1572	Natural Gas	1659
Methyl Hydrazine	1573	Neochromium	1661
Methyl Iodide	1576	Neon	1662
Methyl Isoamyl Ketone	1578	Neopentane	1663
Methyl Isobutyl Carbinol	1580	Nerve Gases	1665
Methyl Isobutyl Ketone	1581	Niacinamide	1665
Methyl Isocyanate	1583	Nickel and Soluble Compounds	1666
Methyl Isopropyl Ketone	1586	Nickel Ammonium Sulfate	1669
Methyl Isothiocyanate	1587	Nickel Carbonyl	1671
Methyl Mercaptan	1589	Nickel Chloride	1673
Methylmercuric Dicyanamide	1592	Nickel Cyanide	1675
Methyl Methacrylate Monomer	1594	Nickel Hydroxide	1677
Methyl Parathion	1596	Nickel Nitrate	1678
Methyl Phenkapton	1599	Nickel Sulfate	1680
Methylphenyldichlorosilane	1600	Nicotine	1682
Methyl Phosphonic Dichloride	1601	Nicotine Sulfate	1684
Methyl Propionate	1603	Nitrapyrin	1685
Methyl Propyl Ether	1604	Nitrates	1687
Methyl Propyl Ketone	1605	Nitric Acid	1689
Methyl Silicate	1607	Nitric Oxide	1691
α -Methylstyrene	1608	Nitrioltriacetic Acid	1694
Methyltetrahydrofuran	1610	5-Nitroacenaphthene	1695
Methyl Thiocyanate	1611	<i>p</i> -Nitroaniline	1696
Methylthiouracil	1612	5-Nitro- <i>o</i> -Anisidine	1698
Methyl Vinyl Ketone	1614	Nitrobenzene	1700
2-Methyl-5-Vinyl Pyridine	1616	4-Nitrobiphenyl	1703
Metolachlor	1617	Nitrocellulose	1704
Metolcarb	1618	<i>p</i> -Nitrochlorobenzene	1705
Metribuzin	1620	Nitrocyclohexane	1707
Metronidazole	1622	Nitroethane	1709
Mevinphos	1623	Nitrofen	1710
Mexacarbate	1625	Nitrogen	1712
Mica	1627	Nitrogen Dioxide	1713
Michler's Ketone	1628	Nitrogen Oxides	1716
Mineral Oil Mist	1629	Nitrogen Trifluoride	1717
Mirex	1630	Nitroglycerin	1718
Mitomycin C	1632	Nitromethane	1721
Molybdenum and Compounds	1633	Nitrophenols	1722
Molybdenum Trioxide	1636	1-Nitropropane	1725
Monocrotophos	1637	2-Nitropropane	1726
Morpholine	1639	<i>N</i> -Nitrosodi- <i>n</i> -Butylamine	1728
Muscimol	1641	<i>N</i> -Nitrosodiethylamine	1730
Mustard Gas	1642	<i>N</i> -Nitrosodimethylamine	1731
		<i>N</i> -Nitrosodiphenylamine	1733
		<i>p</i> -Nitrosodiphenylamine	1735
		<i>N</i> -Nitrosodipropylamine	1736
		<i>N</i> -Nitroso- <i>n</i> -Ethyl Urea	1738
		<i>N</i> -Nitrosomethylvinylamine	1740
		<i>N</i> -Nitrosopiperidine	1741
		<i>N</i> -Nitrosopyrrolidine	1743
		Nitrotoluenes	1744
		5-Nitro- <i>o</i> -Toluidine	1746
 Naled	1645		
Naphthas	1647		
Naphthalene	1650		
Naphthenic Acid	1653		
2-Naphthol	1654		
1,4-Naphthoquinone	1655		

Nitrous Oxide	1748	Phenothiazine	1824
Nonane	1749	Phenyl Dichloroarsine	1826
Nonyl Trichlorosilane	1751	<i>m</i> -Phenylenediamine	1827
Norbormide	1752	<i>o</i> -Phenylenediamine	1829
O		<i>p</i> -Phenylenediamine	1830
Octachloronaphthalene	1754	Phenyl Glycidyl Ether	1832
Octafluorocyclobutane	1754	Phenylhydrazine	1834
Octamethyl Diphosphoramidate	1755	Phenyl Isocyanate	1836
Octane	1757	Phenyl Mercaptan	1837
Octyl Phenol	1759	Phenylmercury Acetate	1839
Organomercury Compounds	1760	<i>N</i> -Phenyl- β -Naphthylamine	1841
Osmium and Osmium Tetroxide	1760	<i>o</i> -Phenylphenol	1843
Ouabain	1762	Phenylphosphine	1844
Oxalic Acid	1763	Phenylthiourea	1846
Oxamyl	1765	Phenyl Trichlorosilane	1847
4,4'-Oxydianiline	1766	Phenytoin	1848
9,10-Oxydiphenoxarsine	1768	Phorate	1850
Oxydisulfoton	1769	Phosacetim	1852
Oxygen	1771	Phosfolan	1854
Oxygen Difluoride	1772	Phosgene	1856
Ozone	1774	Phosmet	1858
P		Phosphamidon	1860
Pancreatin	1777	Phosphine	1862
Paraffin Wax	1778	Phosphoric Acid	1864
Paraformaldehyde	1779	Phosphorous Acid, Ortho	1866
Paraldehyde	1781	Phosphorus	1867
Paraoxon	1782	Phosphorus Oxychloride	1870
Paraquat	1784	Phosphorus Pentachloride	1872
Paraquat Methosulfate	1787	Phosphorus Pentasulfide	1874
Parathion	1788	Phosphorus Pentoxide	1876
Paris Green	1791	Phosphorus Trichloride	1877
Pentaborane	1793	Phthalic Anhydride	1879
Pentachlorobenzene	1795	<i>m</i> -Phthalodinitrile	1881
Pentachloroethane	1796	Phylloquinone	1883
Pentachloronaphthalene	1798	Physostigmine	1884
Pentachloronitrobenzene	1800	Picloram	1885
Pentachlorophenol	1801	2-Picoline	1887
Pentaerythritol	1804	Picric Acid	1889
Pentane	1805	Picrotoxin	1891
2,4-Pentanedione	1807	Pindone	1892
2-Pentanone	1808	Piperazine (and its hydrochloride)	1893
1-Pentene	1810	Piperidine	1895
Peracetic Acid	1811	Pirimifos-Ethyl	1897
Perchloromethyl Mercaptan	1813	Platinum and Compounds	1898
Perchloryl Fluoride	1815	Polybrominated Biphenyls (PBBs)	1900
Persulfates	1817	Polychlorinated Biphenyls (PCBs)	1902
Phenanthrene	1817	Portland Cement	1905
Phenazopyridine and its Hydrochloride	1818	Potassium Metal	1907
Phenol	1820	Potassium Arsenate	1908
Phenol, 3-(1-methylethyl)-, Methylcarbamate	1823	Potassium Arsenite	1910
		Potassium Bromate	1912
		Potassium Chlorate	1913
		Potassium Chloroplatinate	1914
		Potassium Chromates	1916

Potassium Cyanide	1918
Potassium Dichloroisocyanurate	1920
Potassium Ferrocyanide	1921
Potassium Fluoride	1923
Potassium Hydroxide	1925
Potassium Nitrate	1926
Potassium Nitrite	1927
Potassium Permanganate	1929
Potassium Persulfate	1930
Potassium Silver Cyanide	1932
Potassium Sulfide	1934
Procarbazine and Procarbazine Hydrochloride	1935
Promecarb	1936
Pronamide	1938
Propachlor	1939
Propadiene	1941
Propane	1942
Propane Sultone	1944
Propanil	1945
Propargyl Alcohol	1946
Propargyl Bromide	1948
Propazine	1949
Propham	1950
β -Propiolactone	1952
Propionaldehyde	1954
Propionic Acid	1955
Propionic Anhydride	1957
Propionitrile	1958
Propoxur	1960
<i>n</i> -Propyl Acetate	1962
<i>n</i> -Propyl Alcohol	1964
Propylamine	1965
Propyl Chloroformate	1967
Propylene	1968
Propylene Chlorohydrin	1970
Propylene Glycol	1971
Propylene Glycol Dinitrate	1973
Propylene Glycol Monomethyl Ether	1974
Propyleneimine	1976
Propylene Oxide	1978
Propyl Isocyanate	1980
<i>n</i> -Propyl Nitrate	1981
Prothoate	1983
Pyrene	1985
Pyrethrins or Pyrethrum	1986
Pyridine	1988
Pyriminil	1990

Q

Quartz	1993
Quinoline	1993
Quinone	1994
Quintozene	1996

R

Reserpine	1999
Resorcinol	2000
Rhodium Metal	2003
Rhodium Trichloride	2004
Ronnel	2005
Rotenone	2007

S

Saccharin	2010
Safrole	2011
Salicylic Acid	2013
Sarin	2014
Selenium	2016
Selenium Dioxide	2018
Selenium Hexafluoride	2020
Selenium Oxychloride	2022
Selenium Sulfides	2024
Selenous Acid	2025
Semicarbazide Hydrochloride	2027
Silane	2028
Silica, Amorphous	2030
Silica, Crystalline	2031
Silicon	2033
Silicon Carbide	2034
Silver	2035
Silver Cyanide	2037
Silver Nitrate	2038
Silver Picrate	2040
Silvex	2042
Simazine	2043
Soapstone	2044
Sodium	2046
Sodium Aluminate	2047
Sodium Aluminum Fluoride	2049
Sodium Aluminum Hydride	2050
Sodium Arsenate	2051
Sodium Arsenite	2053
Sodium Azide	2055
Sodium Benzoate	2057
Sodium Bisulfite	2058
Sodium Borates	2060
Sodium Cacodylate	2060
Sodium Chlorate	2062
Sodium Chloroplatinate	2063
Sodium Chromates	2065
Sodium Cyanide	2067
Sodium Dichloro-Isocyanate	2069
Sodium Fluoride	2070
Sodium Fluoroacetate	2072
Sodium Hexafluorosilicate	2074
Sodium Hydroxide	2076

Sodium Metabisulfite	2078	1,1,2,2-Tetrachloroethane	2163
Sodium Pentachlorophenate	2079	Tetrachloroethylene	2166
Sodium Selenite	2081	Tetracycline	2169
Sodium Sulfate	2082	Tetraethylenepentamine	2170
Sodium Sulfite	2084	Tetraethyllead	2172
Sodium Tellurite	2085	Tetraethyltin	2174
Stannic Chloride, Hydrated	2086	Tetrafluoroethylene	2175
Stannous Chloride	2087	Tetrafluoromethane	2177
Stannous Fluoride	2089	Tetrahydrofuran	2178
Stibine	2090	Tetramethyllead	2180
Stoddard Solvent	2092	Tetramethyl Succinonitrile	2182
Streptozotocin	2094	Tetranitromethane	2184
Strontium Chromate	2095	Tetrasodium EDTA	2186
Strontium Nitrate	2097	Tetrasodium Pyrophosphate	2188
Strychnine	2098	Tetryl	2189
Styrene	2100	Thallium and Compounds	2190
Styrene Oxide	2103	Thioacetamide	2194
Subtilisins	2105	4,4'-Thiobis(6- <i>tert</i> -Butyl- <i>m</i> -Cresol)	2196
Sucrose	2106	Thiofanox	2197
Sulfallate	2107	Thioglycolic Acid	2199
Sulfolane	2109	Thionazin	2200
Sulfotep	2110	Thionyl Chloride	2202
Sulfur	2112	Thiosemicarbazide	2203
Sulfur Chloride	2114	Thiotepa	2204
Sulfur Dioxide	2116	Thiourea	2206
Sulfur Hexafluoride	2119	Thiram	2207
Sulfuric Acid	2120	Thorium and Compounds	2209
Sulfurous Acid 2-(<i>p-tert</i> -Butylphenoxy)-1- Methylethyl-2-Chloroethyl Ester	2123	Tin	2211
Sulfur Pentafluoride	2125	Tin Organic Compounds	2213
Sulfur Tetrafluoride	2126	Tin Tetrachloride	2214
Sulfur Trioxide	2129	Titanium	2216
Sulfuryl Fluoride	2130	Titanium Dioxide (Dust)	2218
Sulphamic Acid	2132	Titanium Tetrachloride	2219
Sulprofos	2133	<i>o</i> -Tolidine	2221
T		Toluene	2222
2,4,5-T	2136	Toluene-2,4-Diamine	2225
Tabun	2138	Toluene 2,4-Diisocyanate	2227
Talc (No Asbestos and Less Than 1% Quartz)	2140	Toluene Sulfonic Acid	2230
Tantalum and Compounds	2141	<i>o</i> -Toluidine	2231
TDE	2143	Toxaphene	2233
Tellurium	2144	Tributyl Phosphate	2236
Tellurium Hexafluoride	2146	Trichlorfon	2237
Temephos	2148	Trichloroacetic Acid	2239
TEPP	2150	Trichloroacetyl Chloride	2241
Terbufos	2152	1,2,4-Trichlorobenzene	2242
Terephthalic Acid	2154	Trichloro(Chloromethyl)Silane	2244
Terphenyls	2155	1,1,1-Trichloroethane	2245
Testosterone	2157	1,1,2-Trichloroethane	2248
Tetrachlorodibenzo- <i>p</i> -Dioxin	2158	Trichloroethylene	2250
Tetrachlorodifluoroethanes	2160	Trichloroethylsilane	2253
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		Trichloronate	2257
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Trimellitic Anhydride	2273
Trimethylamine	2275
Trimethyl Benzenes	2277
Trimethylchlorosilane	2279
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Trinitrobenzene	2282
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Triphenylamine	2285
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Triphenyltin Compounds	2287
Tris(2-Chloroethyl)Amine	2290
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U

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V

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Vanadium Pentoxide	2310
Vanadium Tetrachloride	2312
Vanadyl Sulfate	2314
Vinyl Acetate	2315
Vinyl Bromide	2318
Vinyl Chloride	2319
4-Vinyl-1-Cyclohexene	2322

Vinyl Cyclohexene Dioxide	2324
Vinyl Ether	2325
Vinyl Fluoride	2327
Vinylidene Chloride	2329
Vinylidene Fluoride	2331
Vinyl Toluene	2333
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W

Warfarin	2337
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X

Xylenes	2340
<i>m</i> -Xylene- α,α' -Diamine	2342
3,5-Xylenol	2344
Xylidines	2345

Y

Yttrium	2348
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Z

Zinc	2350
Zinc Bromide	2352
Zinc Chloride	2354
Zinc Chromate	2356
Zinc Oxide	2358
Zinc Phosphide	2360
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