

CHEMICALS OF POTENTIAL CONCERN

June 3, 2016

Agent List	Occupational Exposure Limit (OEL) **	Action Level (50% OEL)
Ammonia 7664-41-7	25 ppm	12.5 ppm
Nitrous Oxide 10024-97-2	50 ppm	25 ppm
Mercury 7439-97-6	25 ug/m3	12.5 ug/m3
1,3-Butadiene 106-99-0	1 ppm	0.5 ppm
Benzene 71-43-2	0.5 ppm	0.25 ppm
Biphenyl 92-52-4	0.2 ppm	0.1 ppm
1-Butanol 71-36-3	20 ppm	10 ppm
Methanol 67-56-1	200 ppm	100 ppm
2-Hexanone 591-78-6	5 ppm	2.5 ppm
3-Methyl-3-butene-2-one 814-78-8	0.02 ppm	0.01 ppm
4-Methyl-2-hexanone 105-42-0	0.5 ppm	0.25 ppm
6-Methyl-2-heptanone 928-68-7	8 ppm	4 ppm
3-Buten-2-one 78-94-4	0.2 ppm	0.1 ppm
Formaldehyde 50-00-0	0.3 ppm	0.15 ppm
Acetaldehyde 75-07-0	25 ppm	12.5 ppm
Butanal 123-72-8	25 ppm	12.5 ppm
2-Methyl-2-butenal 1115-11-3	0.03 ppm	0.015 ppm
2-Ethyl-hex-2-enal 645-62-5	0.10 ppm	0.05 ppm
Furan 110-00-9	1 ppb	0.5 ppb
2,3-Dihydrofuran 1191-99-7	1 ppb	0.5 ppb
2,5-Dihydrofuran 1708-29-8	1 ppb	0.5 ppb
2-Methylfuran 534-22-5	1 ppb	0.5 ppb
2,5-Dimethylfuran 625-86-5	1 ppb	0.5 ppb
2-Ethyl-5-methylfuran 1703-52-2	1 ppb	0.5 ppb
4-(1-Methylpropyl)-2,3-dihydrofuran 34379-54-9	1 ppb	0.5 ppb
3-(1,1-Dimethylethyl)-2,3-dihydrofuran 34314-82-4	1 ppb	0.5 ppb
2-Pentylfuran 3777-69-3	1 ppb	0.5 ppb
2-Heptylfuran 3777-71-7	1 ppb	0.5 ppb
2-Propylfuran 4229-91-8	1 ppb	0.5 ppb
2-Octylfuran 4179-38-8	1 ppb	0.5 ppb
2-(3-Oxo-3-phenylprop-1-enyl)furan 717-21-5	1 ppb	0.5 ppb
2-(2-Methyl-6-oxoheptyl)furan 51595-87-0	1 ppb	0.5 ppb
Diethyl Phthalate 84-66-2	5 mg/m3	2.5 mg/m3
Acetonitrile 75-05-8	20 ppm	10 ppm
Propanenitrile 107-12-0	6 ppm	3 ppm
Butanenitrile 109-74-0	8 ppm	4 ppm
Pentanenitrile 110-59-8	6 ppm	3 ppm
Hexanenitrile 628-73-9	6 ppm	3 ppm
Heptanenitrile 629-08-3	6 ppm	3 ppm
2-Methylene butanenitrile 1647-11-6	0.3 ppm	0.15 ppm

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2,4-Pentadienenitrile 1615-70-9	0.3 ppm	0.15 ppm
Ethylamine 75-04-7	5 ppm	2.5 ppm
N-Nitrosodimethylamine 62-75-9	0.3 ppb	0.15 ppb
N-Nitrosodiethylamine 55-18-5	0.1 ppb	0.05 ppb
N-Nitrosomethylethylamine 10595-95-6	0.3 ppb	0.15 ppb
N-Nitrosomorpholine 59-89-2	0.6 ppb	0.3 ppb
Tributylphosphate 126-73-8	0.2 ppm	0.1 ppm
Dibutylbutylphosphonate 78-46-6	0.007 ppm	0.0035 ppm
Chlorinated Biphenyls	1 mg/m ³	0.5 mg/m ³
2-Fluoropropene 1184-60-7	0.1 ppm	0.05 ppm
Pyridine 110-86-1	1 ppm	0.5 ppm
2, 4-Dimethylpyridine 108-47-4	0.5 ppm	0.25 ppm
Methyl nitrite 624-91-9	0.1 ppm	0.05 ppm
Butyl nitrite 544-16-1	0.1 ppm	0.05 ppm
Butyl nitrate 928-45-0	2.5 ppm	1.25 ppm
1,4-Butanediol, dinitrate 3457-91-8	0.05 ppm	0.025 ppm
2-Nitro-2-methylpropane 594-70-7	0.30 ppm	0.15 ppm
1,2,3-Propanetriol, 1,3-dinitrate 623-87-0	0.05 ppm	0.025 ppm
Methyl Isocyanate 624-83-9	20 ppb	10 ppb

**OEL: Most protective limit selected from the OSHA PEL, ACGIH TLV or Hanford AOEL; the upper limit on the acceptable concentration of a hazardous substance in workplace air for an 8-hour day and a 40-hour work week.