

Appendix (Building 3, 39, 40, 44, 49, and 146)

CAS#+solution strength	CAS No.	Chemical name	Usage Restriction required	Maximum Use Quantity (g/hour)	Maximum Use Quantity (ml/hour)
75070-100%	75070	Acetaldehyde	Yes	26	33
75058-100%	75058	Acetonitrile	Yes	103	132
107028-100%	107028	Acrolein	Yes	0	0
107131-100%	107131	Acrylonitrile	Yes	1	1
106923-100%	106923	Allyl Glycidyl Ether	Yes	89	91
7664417-Gas	7664417	Ammonia	Yes	148	212062
7784421-Gas	7784421	Arsine	Yes	1	161
71432-100%	71432	Benzene	Yes	15	18
95169-100%	95169	Benzothiazole	Yes	103	83
10294334-100%	10294334	Boron Tribromide	Yes	52	20
10294345-Gas	10294345	Boron Trichloride	Yes	52	10788
7726956-100%	7726956	Bromine	Yes	30	10
75252-100%	75252	Bromoform	Yes	81	28
71363-100%	71363	Butanol, n-	Yes	78	97
123864-100%	123864	Butyl Acetate, n-	Yes	37	42
75150-100%	75150	Carbon Disulphide	Yes	487	386
56235-100%	56235	Carbon Tetrachloride	Yes	4	2
7782505-Gas	7782505	Chlorine	Yes	9	2958
10049044-Gas	10049044	Chlorine Dioxide	Yes	3	1071
108907-100%	108907	Chlorobenzene	Yes	168	152
67663-100%	67663	Chloroform	Yes	1	1
506774-Gas	506774	Cyanogen Chloride	Yes	18	7050
19287457-Gas	19287457	Diborane	Yes	15	13052
75343-100%	75343	Dichloroethane, 1,1-	Yes	244	207
156-59-2-100%	156-59-2	Dichloroethylene, Cis-1,2-	Yes	155	121
540590-100%	540590	Dichloroethylene, Sym-1,2-	Yes	155	123
156605-100%	156605	Dichloroethylene, Trans-1,2-	Yes	155	123
108838-100%	108838	Diisobutyl Ketone	Yes	24	30
624920-100%	624920	Dimethyl Disulphide	Yes	2	2
75183-100%	75183	Dimethyl Sulphide	Yes	1	1
109557-100%	109557	Dimethyl-1,3-Diaminopropane, n-	Yes	30	36
646060-100%	646060	Dioxolane, 1,3-	Yes	15	14

110805-100%	110805	Ethoxyethanol, 2-	Yes	41	44
111159-100%	111159	Ethoxyethyl Acetate, 2-	Yes	11	11
141786-100%	141786	Ethyl Acetate	Yes	1169	1298
140885-100%	140885	Ethyl Acrylate	Yes	0	0
100414-100%	100414	Ethyl Benzene	Yes	71	82
60297-100%	60297	Ethyl Ether	Yes	35	50
763699-100%	763699	Ethyl-3-Ethoxypropionate	Yes	7	8
106934-100%	106934	Ethylene Dibromide	Yes	4	2
107062-100%	107062	Ethylene Dichloride	Yes	3	2
111762-100%	111762	Ethylene glycol butyl ether Butyl cellosolve	Yes	19	21
75218-Gas	75218	Ethylene Oxide	Yes	0	164
111308-100%	111308	Glutaraldehyde (100 %)	Yes	1	1
111308-50%	111308	Glutaraldehyde (50 %)	Yes	1	2
77474-100%	77474	Hexachlorocyclopentadiene	Yes	3	2
999973-100%	999973	Hexamethyldisilazane	Yes	3	4
822060-100%	822060	Hexamethylene Diisocyanate (HDI) Monomer	Yes	0	0
110543-100%	110543	Hexane, n-	Yes	3691	5587
7647010-30%	7647010	Hydrochloric Acid (30 %)	Yes	30	86
7647010-35%	7647010	Hydrochloric Acid (35 %)	Yes	30	71
7647010-40%	7647010	Hydrochloric Acid (40 %)	Yes	30	62
7664393-30%	7664393	Hydrofluoric Acid (30%)	Yes	1	4
7664393-40%	7664393	Hydrofluoric Acid (40%)	Yes	1	3
7664393-50%	7664393	Hydrofluoric Acid (50%)	Yes	1	2
7664393-60%	7664393	Hydrofluoric Acid (60%)	Yes	1	2
10035106-Gas	10035106	Hydrogen Bromide	Yes	41	12424
7647010-Gas	7647010	Hydrogen Chloride	Yes	30	19811
74908-100%	74908	Hydrogen Cyanide	Yes	12	17
7664393-Gas	7664393	Hydrogen Fluoride	Yes	1	1553
7783064-Gas	7783064	Hydrogen Sulphide	Yes	0	348
78831-100%	78831	Isobutanol	Yes	87	109
110190-100%	110190	Isobutyl Acetate	Yes	62	71
108214-100%	108214	Isopropyl Acetate	Yes	75	86
96333-100%	96333	Methyl Acrylate	Yes	0	0
74873-Gas	74873	Methyl Chloride	Yes	472	228911
78933-100%	78933	Methyl Ethyl Ketone	Yes	1476	1846
624839-100%	624839	Methyl Isocyanate	Yes	1	2
74931-Gas	74931	Methyl Mercaptan	Yes	0	246

110123-100%	110123	Methyl-2-Hexanone, 5-	Yes	23	26
75092-100%	75092	Methylene Chloride	Yes	325	245
74895-40%	74895	Monomethyl Amine (40%)	Yes	37	141
91203-100%	91203	Naphthalene	Yes	2	2
13463393-100%	13463393	Nickel Carbonyl	Yes	1	1
7697372-70%	7697372	Nitric Acid (70 %)	Yes	52	52
10028156-Gas	10028156	Ozone	Yes	10	5173
19624227-100%	19624227	Pentaborane	Yes	1	2
127184-100%	127184	Perchloroethylene	Yes	531	327
75445-Gas	75445	Phosgene	Yes	66	16430
7803512-Gas	7803512	Phosphine	Yes	15	10623
10025873-100%	10025873	Phosphorus Oxychloride	Yes	18	11
123386-100%	123386	Propionaldehyde	Yes	0	0
79094-100%	79094	Propionic Acid	Yes	6	6
75569-100%	75569	Propylene Oxide	Yes	2	3
110861-100%	110861	Pyridine	Yes	3	3
7803625-Gas	7803625	Silane	Yes	221	168675
584849-100%	584849	Toluene Di-Isocyanate, 2,4-	Yes	0	0
26471625-100%	26471625	Toluene Di-Isocyanate, 2,4- and 2,6- (Mixed Isomers)	Yes	0	0
79016-100%	79016	Trichloroethylene (TCE)	Yes	18	12
75694-Gas	75694	Trichlorofluoromethane	Yes	8858	5953
76051-100%	76051	Trifluoroacetic Acid	Yes	22	14
75503-40%	75503	Trimethylamine (40 %)	Yes	0	0
75014-Gas	75014	Vinyl Chloride	Yes	1	578
75354-100%	75354	Vinylidene Chloride	Yes	15	12
1330207-100%	1330207	Xylene (o,m, p-Isomers)	Yes	112	129