

Gas Name	Abbreviatic Formula	Molecular \	11.7eV Ar	10.6eV Ar	10.2eV Kr	8.4eV Xe	F High	Alarm Low	Alarm STEL	Alarr TWA	Alarr High	Alarm
Acetaldehyde	C2H4O	44	3.3	4.861	1 ZR	M	M		50	20	M	
Acetic Acid	C2H4O2	60	2.6	36.153	ZR	ZR	M	M	15	10	M	
Acetic Anhydride	C4H6O3	102	2 NA		ZR	ZR	M	M	2	0.5	M	
Acetone	C3H6O	58	1.4	0.715	1	1.2	M	M	1500	500	M	
Acetonitrile	CH3CN	41	100	ZR	ZR	ZR	M	M	60	40	M	
Acetylene	C2H2	26	2 ZR		ZR	ZR	M	M	n/a	n/a	M	
Acrolein	C3H4O	56	3	4	1 ZR	M	M		0.3	0.1	M	
Acrylic Acid	C3H4O2	72	2	2.749	ZR	ZR	M	M	20	10	M	
Acrylonitrile	C3H3N	53	1.2	ZR	ZR	ZR	M	M	n/a		2	M
Allyl alcohol	C3H6O	58	1.7	2.074	2 ZR	M	M		4	2	M	
Allyl chloride	C3H5Cl	77	0.7	4.5	ZR	ZR	M	M	n/a	n/a	M	
Ammonia	H3N	17	5.7	8.496	8 ZR	M	M		35	25	M	
Amyl acetate, n-	C7H14O2	130	1	1.8	ZR	ZR	M	M	n/a	n/a	M	
Amyl alcohol	C5H12O	88	4	3.2	5 ZR	M	M		n/a	n/a	M	
Anisole	C7H8O	108	1	0.473	1	1	M	M	n/a	n/a	M	
Arsine	AsH3	78	3 NA		2 ZR	M	M		n/a		0.05	M
Asphalt, pe Asphalt fumes		150	NA		1 NA	NA	M	M	n/a	n/a	M	
Benzaldehyde	C7H6O	106	1	0.858	1 ZR	M	M		n/a	n/a	M	
Benzonitrile	C7H5N	103	2	0.708	1 ZR	M	M		n/a	n/a	M	
Benzyl alcohol	C7H8O	108	0.9	1.25	1.2	1.4	M	M	n/a	n/a	M	
Benzyl chloride	C7H7Cl	127	0.5	0.55	1 ZR	M	M		1.5	0.5	M	
Benzyl formate	C8H8O2	136	0.66	0.77	1 ZR	M	M		n/a	n/a	M	
Bis(2,3-epc 2,3-epoxy-l	C6H10O3	130	NA		3 NA	NA	M	M	n/a		0.1	M
Bromobenzene	C6H5Br	157	0.5	0.7	1 ZR	M	M		n/a	n/a	M	
Bromoethane	C2H5Br	109	NA		5 ZR	ZR	M	M	250	200	M	
Bromoethy Br-ethylme	C3H7OBr	139	2	2.5	1 ZR	M	M		n/a	n/a	M	
Bromoform	CHBr3	253	0.5	2.8	2 ZR	M	M		n/a		0.5	M
Bromopropane, 1-	C3H7Br	123	0.6	1.3	1 ZR	M	M		n/a	n/a	M	
Butadiene	C4H6	54	1.1	0.83	1 ZR	M	M		n/a	n/a	M	
Butadiene Butadiene	C4H6O2	86	1.2	4	10 ZR	M	M		n/a	n/a	M	
Butane, n-	C4H10	58	1	46.29	ZR	ZR	M	M	750	600	M	
Butanol, 1-	C4H10O	74	1.4	4.011	70 ZR	M	M		30	50	M	
Buten-3-ol, 1-	C4H8O	72	NA	1.15	NA	NA	M	M	n/a	n/a	M	
Butene, 1-	C4H8	56	NA	1	1 ZR	M	M		n/a	n/a	M	
Butoxyethanol, 2-	C6H14O2	118	0.62	1.1	1	1.8	M	M	50	25	M	
Butyl acetate, n-	C6H12O2	116	NA	2.418	2 ZR	M	M		200	150	M	

Butyl acrylate, n-	C7H12O2	128	0.6	1.5	1 ZR	M	M	5	1 M
Butyl mercaptan	C4H10S	90	2	0.54	0.55 ZR	M	M	n/a	M
Butylamine, n-	C4H11N	73	0.7	1	1	1.1 M	M	5 n/a	M
Carbon disulfide	CS2	76	0.3	1.4	1 ZR	M	M	n/a	10 M
Carbon tetra Tetrabromide	CBr4	332 NA		3 NA	NA	M	M	0.3	0.1 M
Carbon tetra R 10	CCl4	154	1.7 ZR	ZR	ZR	M	M	n/a	2 M
Carbonyl sulphide	COS	60	11 ZR	ZR	ZR	M	M	n/a	M
Chlorine	Cl2	71	1 ZR	ZR	ZR	M	M	1	0.5 M
Chlorine dioxide	ClO2	67	2	1 ZR	ZR	M	M	0.3	0.1 M
Chloro-1,1, R 133a	C2H2ClF3	118	1 ZR	ZR	ZR	M	M	n/a	M
Chloro-1,1, R 133b	C2H2ClF3	118	1 ZR	ZR	ZR	M	M	n/a	M
Chloro-1,1- R 142b	C2H3ClF2	100	1 ZR	ZR	ZR	M	M	n/a	M
Chloro-1,1- R 142	C2H3ClF2	100	1 ZR	ZR	ZR	M	M	n/a	M
Chloro-1,2, R 133	C2H2ClF3	118	1 ZR	ZR	ZR	M	M	n/a	M
Chloro-1,3-butadiene,	C4H5Cl	89	4	3.2	3 ZR	M	M	n/a	10 M
Chloro-1-flu R 151a	C2H4ClF	83	1 ZR	ZR	ZR	M	M	n/a	M
Chloro-2-flu R 151	C2H4ClF	83	1 ZR	ZR	ZR	M	M	n/a	M
Chlorobenzene	C6H5Cl	113	0.39	0.45	1 ZR	M	M	3	1 M
Chloroethane	C2H5Cl	65	1.1 ZR	ZR	ZR	M	M	1250	1000 M
Chloroethanol 2-	C2H5ClO	81	1	10 ZR	ZR	M	M	1 n/a	M
Chloroethyl Cl-ethylme	C3H7ClO	95 NA		2.6 NA	NA	M	M	n/a	M
Chloroform	CHCl3	119	3.5 ZR	ZR	ZR	M	M	n/a	2 M
Chlorotoluene, o-	C7H7Cl	127	0.6	0.45	1	1 M	M	n/a	M
Chlorotoluene, p-	C7H7Cl	127	0.6	0.5	1	1 M	M	n/a	M
Chlorotriflu R 1113	C2ClF3	116	1	1 ZR	ZR	M	M	n/a	M
Cresol, m-	C7H8O	108 NA		1.05 ZR	ZR	M	M	n/a	5 M
Cresol, o-	C7H8O	108 NA		1.05 ZR	ZR	M	M	n/a	5 M
Cresol, p-	C7H8O	108 NA		1.05 ZR	ZR	M	M	n/a	5 M
Crotonaldehyde	C4H6O	70	1	1	2	1.5 M	M	n/a	M
Cumene	C9H12	120	0.4	0.588	0.5	15 M	M	50	25 M
Cyclohexane	C6H12	84	0.64	1.162	2	3.3 M	M	300	100 M
Cyclohexanol	C6H12O	100	1.1	2.906	1 ZR	M	M	n/a	50 M
Cyclohexanone	C6H10O	98	0.7	1.039	1 ZR	M	M	20	10 M
Cyclohexene	C6H10	82	1	0.75	1 ZR	M	M	n/a	M
Cyclohexylamine	C6H13N	99	1	0.981	1	1 M	M	n/a	10 M
Cyclopentane	C5H10	70	0.6	4 ZR	ZR	M	M	n/a	M
Decane, n-	C10H22	142	0.35	1.043	2 ZR	M	M	n/a	M

Dibromochloroethane	Dibromo-C	CHBr2Cl	208	0.7	10	5 ZR	M	M	n/a	n/a	M
Dibromoethane	1,2-	C2H4Br2	188	0.6	2	ZR	ZR	M	M	n/a	0.5 M
Dichloro-1, R 132a		C2H2Cl2F2	135	1	ZR		ZR	M	M	n/a	M
Dichloro-1, R 132		C2H2Cl2F2	135	1	ZR		ZR	M	M	n/a	M
Dichloro-1- R141b		C2H3Cl2F	117	2	ZR		ZR	M	M	n/a	M
Dichloro-1- R 141a		C2H3Cl2F	117	1	ZR		ZR	M	M	n/a	M
Dichloro-1- R 141		C2H3Cl2F	117	1	ZR		ZR	M	M	n/a	M
Dichloro-1- 2,3-di-Cl-1-		C3H4Cl2	111	0.7	1.4	1	1.9	M	M	n/a	M
Dichloro-2, R 1112a		C2H2Cl2F2	135	10	ZR		ZR	M	M	n/a	M
Dichloroethr 1,1-DCA		C2H4Cl2	99	2	ZR		ZR	M	M	n/a	100 M
Dichloroethr 1,1-DCE		C2H2Cl2	97	1	0.95	1	ZR	M	M	n/a	10 M
Dichloroethr c-1,2-DCE		C2H2Cl2	97	1	0.8	1	ZR	M	M	n/a	M
Dichloroethr t-1,2-DCE		C2H2Cl2	97	0.3	0.7	1	ZR	M	M	n/a	M
Dichloromethane		CH2Cl2	85	0.89	39	ZR	ZR	M	M	300	100 M
Dichloropropane, 1,2-		C3H6Cl2	113	0.7	ZR		1 ZR	M	M	n/a	M
Dicyclopentadiene		C10H12	132	NA		0.81	1	ZR	M	M	5 M
Diesel Fuel	n/a			0.4	0.75	3	10	M	M	n/a	M
Diethyl ether		C4H10O	74	1.9	0.884	ZR	ZR	M	M	200	100 M
Diethyl sulphide		C4H10S	90	1	0.55	1	3	M	M	n/a	M
Diethylamine		C4H11N	73	1	1	1	1	M	M	25	10 M
Diethylamin Di-Et-amin		C6H15ON	117	NA		2.7	NA	NA	M	M	10 M
Diethylamin Di-Pr-amin		C7H18N2	130	NA		1	NA	NA	M	M	M
Diisopropyl ether		C6H14O	102	NA		0.68	1	ZR	M	M	310
Diisopropylamine		C6H15N	101	0.53	0.7	1	0.84	M	M	n/a	5 M
Diketene		C4H4O2	84	1.4	2.2	2	2.6	M	M	n/a	M
Dimethoxymethane		C3H8O2	76	NA		1.4	NA	ZR	M	M	1250
Dimethyl c-1,2 DMCH		C8H16	112	NA		1.05	NA	NA	M	M	n/a
Dimethyl ether		C2H6O	46	NA		1.3	4.8	4.8	M	M	500
Dimethyl sulphate		C2H6O4S	126	2.3	NA		20	23	M	M	n/a
Dimethylamine		C2H7N	45	2	1.4	1.5	1.5	M	M	6	2 M
Dimethylbu sec- Hexyl		C8H16O2	144	2	NA		2	2	M	M	100
Dimethyletl DMEA		C4H11N	73	0.9	0.8	1	1.1	M	M	15	10 M
Dimethylfoi DMF		C3H7NO	73	1	0.9	1	ZR	M	M	20	10 M
Dimethylhy UDMH		C2H8N2	60	0.8	1	2	2	M	M	n/a	n/a
Dioxane 1,2-		C4H8O2	88	NA		1.5	0.54	ZR	M	M	n/a
Dioxane 1,4-		C4H8O2	88	NA		1.5	NA	NA	M	M	100
Epichlorohydrin		C3H5ClO	93	1.4	8	1	ZR	M	M	1.5	0.5 M

Epoxyprop Iso-Pr glyci	C6H12O2	116	NA	1.1	NA	NA	M	M	75	50	M
Ethanol	C2H6O	46	8	8.72	NA	ZR	M	M	n/a	1000	M
Ethanolamine	C2H7NO	61	3	3	ZR	ZR	M	M	n/a	n/a	M
Ethoxyethanol, 2-	C4H10O2	90	3	29.837		1 ZR	M	M	n/a		10 M
Ethyl (S)-(- Ethyl lactat	C5H10O3	118	1.6	3		4	13	M	M	n/a	M
Ethyl acetate	C4H8O2	88	1	3.634		5 ZR	M	M		400	200 M
Ethyl acrylate	C5H8O2	100	1	2		3 ZR	M	M		15	5 M
Ethyl amine	C2H7N	45	1	1		1 ZR	M	M		6	2 M
Ethyl butyrate	C6H12O2	116	NA	0.95	NA		2	M	M	n/a	n/a M
Ethyl chlor Ethyl-Cl-fo	C3H5O2Cl	109	1.955	83	NA	ZR	M	M	n/a		1 M
Ethyl cyan Et-cyanoac	C6H7O2N	125	NA	NA	NA		3	M	M	0.3	n/a M
Ethyl formate	C3H6O2	74	1.9	29.837	ZR	ZR	M	M		150	100 M
Ethyl hexyl Octyl acryl	C11H20O2	184	0.5	1		1.2 ZR	M	M	n/a	n/a	M
Ethyl mercaptan	C2H6S	62	1	0.695	ZR	ZR	M	M		2	0.5 M
Ethylene	C2H4	28	3	8	ZR	ZR	M	M	n/a	n/a	M
Ethylene glycol	C2H6O2	62	NA	20	NA	ZR	M	M	n/a	n/a	M
Ethylene oxide	C2H4O	44	2	15	ZR	ZR	M	M	n/a		5 M
Formic acid	CH2O2	46	5	ZR	ZR	ZR	M	M	n/a		5 M
Furfural	C5H4O2	96	0.8	1.387		1 ZR	M	M	n/a	n/a	M
Furfuryl alcohol	C5H6O2	98	NA	2	NA	NA	M	M		15	5 M
Gasoline vapors		72	NA	1.05	NA	ZR	M	M	n/a	n/a	M
Gasoline vapors		72	NA	0.8		1 ZR	M	M	n/a	n/a	M
Gasoline vapors 92 octane		72	0.47	0.8		1.3	2	M	M	n/a	n/a M
Germane	GeH4	77	NA	10	NA	NA	M	M		0.6	0.2 M
Glutaraldehyde	C5H8O2	100	0.6	0.9		1.1 ZR	M	M		0.05	0.05 M
Heptane n-	C7H16	100	0.6	2.064		45	50	M	M	n/a	500 M
Hexachloro R 110	C2Cl6	237	1	ZR	ZR	ZR	M	M	n/a		5 M
Hexamethy HMDS	C6H19NSi	161	0.19	NA		1	1	M	M	n/a	n/a M
Hexane n-	C6H14	86	0.5	3.282		1 ZR	M	M	n/a		20 M
Hydrazine	H4N2	32	2.1	3		3	3	M	M	0.1	0.02 M
Hydrogen peroxide	H2O2	34	1	NA	ZR	ZR	M	M		2	1 M
Hydrogen sulfide	H2S	34	1.5	4	ZR	ZR		10	5	10	5 10
Iminodiethanol 2,2'-	C4H11NO2	105	NA	1.6	NA	ZR	M	M	n/a		3 M
Iodine	I2	254	0.1	0.15		1 ZR	M	M		0.1	n/a M
Iodoform	CHI3	394	NA	1.5	NA	NA	M	M		1	0.6 M
Iodomethane	CH3I	142	0.26	0.4		1 ZR	M	M	n/a		2 M
Isoamyl acetate	C7H14O2	130	NA	1.6	NA	NA	M	M		100	50 M

Isobutane	C4H10	58	1.2	8 ZR	ZR	M	M	n/a	n/a	M
Isobutanol	C4H10O	74	1.5	3.5	19 ZR	M	M		75	50 M
Isobutyl acetate	C6H12O2	116 NA		2.26 NA	ZR	M	M		187	150 M
Isobutyl acrylate	C7H12O2	128	0.6	1.3 NA	NA	M	M	n/a	n/a	M
Isobutylene	C4H8	56	1	1	2 ZR		100	50 n/a	n/a	100
Isobutyraldehyde	C4H8O	72 NA		1.2 NA	ZR	M	M	n/a	n/a	M
Isooctane	C8H18	114	1	1.085	1 ZR	M	M	n/a	n/a	M
Isooctyl alcohol	C8H18O	130 NA		1.5 NA	ZR	M	M	n/a		50 M
Isopentane	C5H12	72	4	6 ZR	ZR	M	M	n/a	n/a	M
Isophorone	C9H14O	138	3 NA		1 ZR	M	M	n/a	n/a	M
Isoprene	C5H8	68	0.6	0.698	1	0.69 M	M		100	250 M
Isopropanol	C3H8O	60	2.7	4.352	40	500 M	M		500	400 M
Isopropyl acetate	C5H10O2	102 NA		2.202	5 ZR	M	M		200 n/a	M
Isopropyl c Isopropyl-C	C4H7O2Cl	123 NA		1.6 NA	NA	M	M	n/a		1 M
Jet Fuel JP-4	n/a		0.42	0.75	1 ZR	M	M	n/a	n/a	M
Jet Fuel JP-5	n/a		0.46	0.65	1 ZR	M	M	n/a	n/a	M
Jet Fuel JP-8	n/a		0.32	0.65	1 ZR	M	M		15	30 M
Ketene	C2H2O	42 NA		3 NA	ZR	M	M		1.5	0.5 M
Mesitylene	C9H12	120	0.32	0.34	0.36	1 M	M		100	250 M
Methacrylic acid	C4H6O2	86 NA		2.3 NA	ZR	M	M		40	20 M
Methanol	CH4O	32	2.5	206.375 ZR	ZR	M	M		250	200 M
Methoxyethanol, 2-	C3H8O2	76	1.4	2.7	4.8 ZR	M	M	n/a	n/a	M
Methoxyethoxyethanol	C5H12O3	120	0.9	1.4	2.3 ZR	M	M	n/a	n/a	M
Methoxymethylethoxy-	C6H14O3	134 NA		1.3 NA	ZR	M	M	n/a		50 M
Methoxypropyl 1M2P	C4H10O2	90	1.1	3	1.5 ZR	M	M		150	100 M
Methoxypropyl acetate	C6H12O3	132	0.8	1.2 NA	ZR	M	M		100	50 M
Methyl acetate	C3H6O2	74	1.4	5.186	1 ZR	M	M		250	200 M
Methyl acrylate	C4H6O2	86	1.2	3.4	3 ZR	M	M	n/a		10 M
Methyl bromide	CH3Br	95	1.3	1.9 ZR	ZR	M	M		2	5 M
Methyl ethyl MEK	C4H8O	72	1.1	0.766	0.86	0.86 M	M		300	200 M
Methyl isocyanate	C2H3NO	57	1.5 ZR	ZR	ZR	M	M	n/a	n/a	M
Methyl isothiocyanate	C2H3NS	73	0.4	0.6	1 ZR	M	M	n/a	n/a	M
Methyl mercaptan	CH4S	48	1	0.7	1 ZR	M	M	n/a		0.5 M
Methyl methacrylate	C5H8O2	100	1.2	1.6	1	2.7 M	M		100	50 M
Methyl propyl MPK	C5H10O	86	0.79	0.79	1 ZR	M	M		250	200 M
Methyl t-bu MTBE	C5H12O	88	1	0.8	1 ZR	M	M		75	25 M
Methyl-2-propen-1-ol, 1	C4H8O	72 NA		1.057 NA	NA	M	M	n/a	n/a	M

Methyl-2-pi NMP	C5H9NO	99	0.9	0.9	1	1 M	M		75	25 M
Methylamine	CH5N	31	1	1.4	1 ZR	M	M	n/a		10 M
Methylbutan-1-ol, 3-	C5H12O	88 NA		3.4 NA	ZR	M	M		125	100 M
Methylcyclo Me-cyclohe	C7H14	98	0.53	1.1	1.6 ZR	M	M		400	500 M
Methylcyclo Me-cyclohe	C7H14O	114 NA		2.4 NA	ZR	M	M		75	50 M
Methylhydrazine	CH6N2	46	1.3	1.3	1.4	1.4 M	M	n/a	n/a	M
Methylpent MIBC	C6H14O	102 NA		2.8 NA	ZR	M	M		40	25 M
Methylpent hexylene g	C6H14O2	118 NA		4 NA	ZR	M	M		25	25 M
Methylprop tert-Butyl a	C4H10O	74 NA		3.5 NA	ZR	M	M		150	100 M
Methylstyrene	C9H10	118	1	0.53	1	1 M	M		150	100 M
Mineral spirits		90	0.39	0.8	1 ZR	M	M	n/a	n/a	M
Nitric oxide	NO	30	2.8	8	1 ZR	M	M		35	25 M
Nitrobenzene	C6H5NO2	123	1.6	1.7	2.6 ZR	M	M		2	1 M
Nitroethane	C2H5NO2	75	3 ZR	ZR	ZR	M	M	n/a		100 M
Nitrogen trichloride	NCI3	120	1	1	1 ZR	M	M	n/a	n/a	M
Nitromethane	CH3NO2	61	4 ZR	ZR	ZR	M	M		150	100 M
Nitropropane, 2-	C3H7NO2	89	2.6 ZR	ZR	ZR	M	M	n/a	n/a	M
Nonane, n-	C9H20	128	1	1.272	1 ZR	M	M	n/a	n/a	M
Octane, n-	C8H18	114 NA		1.586	13.2	13.2 M	M	n/a	n/a	M
Oxydiethanol 2,2-	C4H10O3	106 NA		4 NA	NA	M	M	n/a		23 M
Pentan-2-one	C5H10O	86 NA		0.79	1 ZR	M	M		250	200 M
Pentane, n-	C5H12	72	0.7	7.887	10 ZR	M	M		600	750 M
Peracetic acid	C2H4O3	76	2.3 ZR	ZR	ZR	M	M	n/a	n/a	M
Phenol	C6H6O	94	0.9	1.2	1	1 M	M	n/a		2 M
Phorate (ISO)	C7H17O2S	260	2.3 ZR	NA	ZR	M	M	n/a	n/a	M
Phosgene	COCl2	99	2.1 NA	NA	NA	M	M		0.06	0.02 M
Phosphine	PH3	34	1.4 NA	ZR	ZR	M	M		0.3	n/a M
Picoline, 3-	C6H7N	93	1	0.9	1 ZR	M	M	n/a	n/a	M
Pinene, alpha	C10H16	136	0.47	0.317	0.38	1.1 M	M	n/a	n/a	M
Piperylene	C5H8	68	0.64	0.669	1 ZR	M	M	n/a	n/a	M
Propan-1-ol	C3H8O	60	1.7	4.8	10 ZR	M	M		250	200 M
Propane	C3H8	44	1.8 ZR	ZR	ZR	M	M	n/a	n/a	M
Propane-1,2-diol, total	C3H8O2	76 NA		10 NA	NA	M	M	n/a		150 M
Propene	C3H6	42	1	1.4	2 ZR	M	M	n/a	n/a	M
Propionaldehyde	C3H6O	58	2	1.685	2 ZR	M	M	n/a	n/a	M
Propionic acid	C3H6O2	74 NA		8 ZR	ZR	M	M		15	10 M
Propyl acetate, n-	C5H10O2	102	4	2.5 ZR	ZR	M	M		250	200 M

Propylene oxide	C3H6O	58	2	7	1 ZR	M	M	n/a		5 M
Propyleneimine	C3H7N	57	1	1.3	1.5	1.5 M	M	n/a	n/a	M
Styrene	C8H8	104	0.42	0.44	1	0.45 M	M		250	100 M
Sulphur dioxide	SO2	64	1.3 ZR		ZR	M	M		5	2 M
Tert-butanol	C4H10O	74 NA		2.626 NA	NA	M	M	n/a	n/a	M
Tetrabromoethane, 1,2	C2H2Br4	346 NA		2 NA	NA	M	M	n/a		0.5 M
Tetrachloro Perchloroethane	C2Cl4	166	0.31	0.7	1	0.69 M	M		100	50 M
Tetraethyl orthosilicate	C8H20O4Si	208	0.2 NA		1 ZR	M	M		30	10 M
Tetrafluoroethylene	C2F4	100	1	1 NA	ZR	M	M	n/a	n/a	M
Tetrahydro THF	C4H8O	72	1	1.553	1.9 ZR	M	M		100	50 M
Toluene-2,4,6-triisocyanate	C9H6N2O2	174	2	1.6	2 ZR	M	M	n/a	n/a	M
Tributylamine	C12H27N	185 NA		1 NA	NA	M	M	n/a	n/a	M
Trichloro-2,2,2-trifluoroethyl R 131	C2H2Cl3F	151	1 ZR	ZR	ZR	M	M	n/a	n/a	M
Trichloroethyl R 140	C2H3Cl3	133	1 ZR	ZR	ZR	M	M		200	100 M
Trichloroethyl R 140a	C2H3Cl3	133	1 ZR	ZR	ZR	M	M	n/a	n/a	M
Trichlorotrifluoroethyl R 113a	C2Cl3F3	187	2 ZR	ZR	ZR	M	M	n/a	n/a	M
Trichlorotrifluoroethyl R 113	C2Cl3F3	187	2 ZR	ZR	ZR	M	M		1250	1000 M
Triethylamine TEA	C6H15N	101	0.65	0.9	0.95	1.5 M	M		4	2 M
Trifluoroethyl R 143a	C2H3F3	84	34 ZR	ZR	ZR	M	M	n/a	n/a	M
Trifluoroethyl R 143	C2H3F3	84	34 ZR	ZR	ZR	M	M	n/a	n/a	M
Trifluoroethanol, 2,2,2-trifluoroethyl	C2H3F3O	100	34 NA	NA	ZR	M	M	n/a	n/a	M
Trimethylamine	C3H9N	59	0.3	0.5	1	0.36 M	M		15	10 M
Trimethylbenzene mixture	C9H12	120	0.3	0.34	0.36	1 M	M	n/a		25 M
Trimethylbenzene, 1,3,5-trimethylbenzene	C9H12	120	0.32	0.34	0.36	1 M	M		100	250 M
Turpentine Pinenes	C10H16	136	1	0.6	1	1 M	M		150	100 M
TVOC		100	1	1 n/a	n/a		100	50 n/a	n/a	100
Undecane, n-	C11H24	156	1	0.92	1 ZR	M	M	n/a	n/a	M
Vinyl acetate	C4H6O2	86	1	1.1	2 ZR	M	M		20	10 M
Vinyl bromide	C2H3Br	107 NA		1	2 ZR	M	M	n/a	n/a	M
Vinyl chloride	C2H3Cl	62	0.6	2.1	2 ZR	M	M	n/a		7 M
Vinyl-2-pyrrolidone NVP	C6H9NO	111	0.92	0.9	1 ZR	M	M	n/a	n/a	M
Xylene, p-	C8H10	106	0.62	0.46	1	4 M	M		100	50 M
WMD Arsine	AsH3	78 NA		2 ZR	ZR	M	M	n/a	n/a	M
WMD Lewisite	ClCN	62 NA		1.2 ZR	ZR	M	M	n/a	n/a	M
WMD Mustard Gas	C2H2AsCl2	159 NA		1 ZR	ZR	M	M	n/a	n/a	M
WMD N-Mustard Gas	C4H18S2Cl2	172 NA		1.1 ZR	ZR	M	M	n/a	n/a	M
WMD Phosgene	COCl2	99	2.1 ZR	ZR	ZR	M	M	n/a	n/a	M

WMD Sarin	C4H10PO2	140 NA	3.1 ZR	ZR	M	M	n/a	n/a	M
WMD Soman	C7H116P0	182 NA	3.2 ZR	ZR	M	M	n/a	n/a	M
WMD Tabun	C5H11PN2	162 NA	1.2 ZR	ZR	M	M	n/a	n/a	M
WMD VX	C11H26PN	267 NA	1 ZR	ZR	M	M	n/a	n/a	M
WMD GF	C7H14P02	180 NA	3.3 ZR	ZR	M	M	n/a	n/a	M
WMD DMMP	C3H9P03	124 NA	5 ZR	ZR	M	M	n/a	n/a	M
WMD Triethyl phosphaz	C6H15P03	182 NA	3.5 ZR	ZR	M	M	n/a	n/a	M
WMD Methyl salicylate	C8H19O4	152 NA	1 ZR	ZR	M	M	n/a	n/a	M
Acetone	C3H6O	1.54			M	M		2	
Acetylene	C2H2	1.25			M	M		2.5	
Butane, n-	C4H10	1.67			M	M		1.6	
Cyclohexane	C6H12	1.82			M	M		1	
Ethanol	C2H6O	1.43			M	M		3.3	
Ethyl acetate	C4H8O2	2			M	M		2.2	
Ethylene	C2H4	1.11			M	M		2.7	
Heptane n-	C7H16	2.22			M	M		1.1	
Hexane n-	C6H14	2.22			M	M		1.2	
Isooctane	C8H18	2.22			M	M	~1		
Isoprene	C5H8	1.82			M	M		1.5	
Methane	CH4	1				10	8	5	
Methanol	CH4O	1.11			M	M		6	
Methyl ethyl MEK	C4H8O	2			M	M		1.8	
Octane, n-	C8H18	2.5			M	M		0.96	
Pentane, n-	C5H12	1.82			M	M		1.4	
Propane	C3H8	1.67			M	M		2.1	
Toluene	C7H8	2.22			M	M		1	
Hydrogen sulfide	H2S					10	5	10	5
Oxygen	O2					23	18		
Carbon monoxide	CO					20	10	200	30

Low Alarm STEL Alarr TWA Alarm mg/m3

M		92	37
M		37	25
M		10	2.5
M		3620	1210
M		102	68
M	n/a	n/a	
M		0.7	0.23
M		60	30
M	n/a		4.4
M		9.7	4.8
M	n/a	n/a	
M		25	18
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a		0.16
M		10	5
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		7.9	2.6
M	n/a	n/a	
M	n/a		0.54
M	n/a	n/a	
M		1130	906
M	n/a	n/a	
M	n/a		5.3
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		1810	1450
M	n/a		30
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		966	724

M		26	5
M	n/a	n/a	
M		15 n/a	
M	n/a		32
M		4.1	1.4
M	n/a		13
M	n/a	n/a	
M		2.9	1.5
M		0.84	0.28
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a		37
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		3380	2700
M		3.4 n/a	
M	n/a	n/a	
M	n/a		9.9
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a		22
M	n/a		22
M	n/a		22
M	n/a	n/a	
M		250	125
M		1050	350
M	n/a		208
M	n/a	n/a	
M	n/a	n/a	
M	n/a		41
M	n/a	n/a	
M	n/a	n/a	

M	n/a	n/a	
M	n/a		3.9
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a		40
M	n/a	n/a	
M	n/a	n/a	
M		1060	350
M	n/a	n/a	
M	n/a		27
M	n/a	n/a	
M		620	310
M	n/a	n/a	
M		76	30
M	n/a		49
M	n/a	n/a	
M		1310	1060
M	n/a		21
M	n/a	n/a	
M		3950	3160
M	n/a	n/a	
M		958	766
M	n/a		0.26
M		11	3.8
M		599	299
M		46	30
M		61	30
M	n/a	n/a	
M	n/a	n/a	
M		366	91
M		5.8	1.9

M		363	241
M	n/a		1920
M	n/a	n/a	
M	n/a		37
M	n/a	n/a	
M	n/a	n/a	
M		62	21
M		11	3.8
M	n/a	n/a	
M	n/a		4.5
M		1.5	n/a
M		462	308
M	n/a	n/a	
M		5.2	1.3
M	n/a	n/a	
M		104	52
M	n/a		9.2
M	n/a		9.6
M	n/a	n/a	
M		61	20
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		1.9	0.64
M		0.2	0.2
M	n/a	n/a	
M	n/a		49
M	n/a	n/a	
M	n/a		72
M		0.13	0.03
M		2.8	1.4
	5	14	7
M	n/a		13
M		1.1	n/a
M		16	9.8
M	n/a		12
M		541	270

M	n/a	n/a	
M		231	154
M		903	724
M	n/a	n/a	
	50	n/a	n/a
M	n/a	n/a	
M	n/a	n/a	
M	n/a		271
M	n/a	n/a	
M	n/a	n/a	
M	n/a		100
M		1250	999
M	n/a		849
M	n/a		5.1
M	n/a	n/a	
M	n/a	n/a	
M	n/a		15
M		2.6	0.87
M		500	100
M		143	72
M		333	266
M	n/a	n/a	
M	n/a	n/a	
M	n/a		308
M		560	375
M		548	274
M		770	616
M	n/a		36
M	n/a		1
M		899	600
M	n/a	n/a	
M	n/a	n/a	
M	n/a		1
M		416	208
M		895	716
M		275	92
M	n/a	n/a	

M		309	103
M	n/a		13
M		458	366
M		500	400
M		356	237
M	n/a	n/a	
M		170	106
M		123	123
M		462	308
M		736	491
M	n/a	n/a	
M		44	31
M		10	5.1
M	n/a		312
M	n/a	n/a	
M		381	254
M	n/a	n/a	
M		0.3	0.1
M	n/a	n/a	
M	n/a		101
M		895	716
M	n/a		600
M	n/a	n/a	
M	n/a	n/a	
M		0.2	0.05
M		0.25	0.08
M		0.42	n/a
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		625	500
M	n/a	n/a	
M	n/a		474
M	n/a	n/a	
M	n/a	n/a	
M		46	31
M		1060	849

M	n/a		12
M	n/a	n/a	
M		1080	430
M		13	5.3
M	n/a	n/a	
M	n/a		7.2
M		689	345
M		260	87
M	n/a	n/a	
M		300	150
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		1110	555
M	n/a	n/a	
M	n/a	n/a	
M		9740	7790
M		17	8
M	n/a	n/a	
M	n/a	n/a	
M		500	n/a
M		37	25
M	n/a		125
M		500	100
M		850	566
	50	n/a	n/a
M		n/a	n/a
M		72	36
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M		441	220
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	
M	n/a	n/a	

M	n/a	n/a
M	n/a	n/a
M	n/a	n/a
M	n/a	n/a
M	n/a	n/a
M	n/a	n/a
M	n/a	n/a
M	n/a	n/a

5	14	7
10	232	35