

Measureable Gas	Symbol	CAS NUMBER	TLV	Range*	CLPx	CL1	CL2	CL4	CL8	CL96
Acetic Acid	CH3CO2H	64-19-7	10,000 ppb	50 ppb	-	-	-	-	●	-
Ammonia	NH3	7664-41-7	25 ppm	75 ppm	●	●	●	●	●	●
Arsenic Pentafluoride [^]	AsF5 (HF)	7784-36-3	2 ppm	10 ppm	●	●	●	●	●	●
Arsenic Trichloride ^{^^}	AsHCl3 (HCl)	7784-34-1	5 ppm	15 ppm	●	●	●	●	●	●
Arsenic Trifluoride [^]	AsF3 (HF)	7784-35-2	2 ppm	10 ppm	●	●	●	●	●	●
Arsine	AsH3	7784-42-1	5 ppb	500 ppb	●	●	●	●	●	●
Arsine	AsH3	7784-42-1	5 ppb	50 ppb	●	●	●	●	●	●
Boron Tribromide ^{^^^}	BBr3 (HBr)	10294-33-4	3 ppm	20 ppm	●	●	●	●	●	●
Boron Trichloride ^{^^}	BCl3 (HCl)	10294-34-5	5 ppm	15 ppm	●	●	●	●	●	●
Boron Trifluoride	BF3	7637-07-02	1000 ppb	5000 ppb	●	-	-	-	-	-
Boron Trifluoride	BF3	7637-07-02	1000 ppb	3200 ppb	-	●	●	●	●	●
Bromine	Br2	7726-95-6	100 ppb	1000 ppb	-	●	●	●	●	●
Carbon Sulfide	COS	463-58-1	5 ppm	20 ppm	●	●	●	●	●	●
Carbonyl Fluoride [^]	COF2 (HF)	353-50-4	2 ppm	10 ppm	●	●	●	●	●	●
Chlorine	Cl2	7782-50-5	500 ppb	5000 ppb	●	●	●	●	●	●
Chlorine	Cl2	7782-50-5	500 ppb	3200 ppb	-	●	●	●	●	●
Chlorine	Cl2	7782-50-5	500 ppb	2000 ppb	●	●	●	●	●	●
Chlorine	Cl2	7782-50-5	500 ppb	30 ppb	-	●	●	●	●	●
Chlorine	Cl2	7782-50-5	500 ppb	20 ppb	●	-	-	-	-	-
Chlorine Trifluoride [^]	ClF3 (HF)	7790-91-2	2 ppm	10 ppm	●	●	●	●	●	●
Cyclohexane Diisocyanate	CHDI		-	100 ppb	-	●	-	-	-	-
Diborane	B2H6	19287-45-7	100 ppb	1000 ppb	●	●	●	●	●	●
Dichlorosilane ^{^^}	SiH3Cl2 (HCl)	4109-96-0	5 ppm	15 ppm	●	●	●	●	●	●
Difluoromethane ^{**}	CH2F2	75-10-5	1.2 ppm	40 ppm	●	-	-	-	-	-
Dimethylamine	DMA	124-40-3	5000 ppb	50000 ppb	●	-	-	-	-	-
Fluorine	F2	7782-41-4	1000 ppb	3200 ppb	●	●	●	●	●	●
Fluoromethane ^{**}	CH3F	593-53-3	1.8 ppm	40 ppm	●	-	-	-	-	-
Fluosilic Acid [^]	H2SiF6 (HF)	16961-83-4	2 ppm	10 ppm	●	●	●	●	●	●
Formic Acid	CH2O2	64-18-6	5 ppm	10 ppm	●	-	-	-	-	-
Germane	GeH4	7782-65-2	200 ppb	2000 ppb	●	●	●	●	●	●
Germanium Tetrafluoride [^]	GeF4 (HF)	7783-58-6	2 ppm	10 ppm	●	●	●	●	●	●
Hexachlorodisilane ^{^^}	SiCl2 (HCl)	13465-77-5	5 ppm	15 ppm	●	●	●	●	●	●
Hexafluorocyclobutene ^{**}	C4F6	692-50-2	1.5 ppm	40 ppm	●	-	-	-	-	-
Hexafluorocyclobutene ^{**}	C4F6	692-50-2	5 ppm	40 ppm	-	-	-	-	●	●
Hexamethylene Diisocyanate	HDI	822-06-0	5 ppb	200 ppb	●	-	-	-	-	-
Hexamethylene Diisocyanate	HDI	822-06-0	5 ppb	100 ppb	-	●	-	-	-	-
HMDI	HMDI	5124-30-1	-	100 ppb	●	●	-	-	-	-
Hydrazine	N2H4	302-01-2	10 ppb	500 ppb	●	●	●	●	●	-
Hydrochloric Acid	HCl	7647-01-0	5 ppm	15 ppm	●	●	●	●	●	●
Hydrogen Bromide	HBr	10035-10-6	3 ppm	20 ppm	●	●	●	●	●	●
Hydrogen Cyanide	HCN	74-90-8	4.7 ppm	20 ppm	●	-	-	-	-	-
Hydrogen Cyanide	HCN	74-90-8	4.7 ppm	2500 ppb	-	●	●	●	●	●
Hydrogen Fluoride	HF	7669-39-3	2 ppm	10 ppm	●	●	●	●	●	●
Hydrogen Selenide	H2Se	7783-07-5	50 ppb	500 ppb	●	●	●	●	●	●
Hydrogen Sulfide	H2S	7783-06-4	1000 ppb	1500 ppb	-	●	●	●	●	●
Hydrogen Sulfide	H2S	7783-06-4	1000 ppb	500 ppb	-	●	●	●	●	●
Hydrogen Sulfide	H2S	7783-06-4	1000 ppb	90 ppb	●	●	●	●	●	●
Hydrogen Sulfide	H2S	7783-06-4	1 ppm	50 ppm	●	●	●	●	●	-
Hydrogen Sulfide	H2S	7783-06-4	1 ppm	20 ppm	●	●	●	●	●	●
Hydrogen Sulfide	H2S	7783-06-4	1 ppm	5 ppm	-	●	●	●	●	●
Isophorone Diisocyanate	IPDI	4098-71-9	5 ppb	200 ppb	●	-	-	-	-	-
Isophorone Diisocyanate	IPDI	4098-71-9	5 ppb	100 ppb	-	●	-	-	-	-
Methylene Diphenyl Diisocyanate	MDI	101-68-8	5 ppb	200 ppb	●	●	-	-	-	-
Methylene Diphenyl Diisocyanate	MDI	101-68-8	5ppb	100 ppb	-	●	-	-	-	-
Methylene Isocyanate	MIC	624-83-9	.02 ppm	100 ppm	-	●	●	●	●	●

Methylene Isocyanate	MIC	624-83-9	.02 ppm	10 ppm	-	●	●	●	●	●
Nitric Acid	HNO3	7697-37-2	2000 ppb	6000 ppb	●	-	-	-	-	-
Nitric Acid	HNO3	7697-37-2	2000 ppb	5000 ppb	-	●	●	●	●	●
Nitrogen Dioxide	NO2	10102-44-0	3 ppm	100 ppm	-	●	●	●	●	●
Nitrogen Dioxide	NO2	10102-44-0	3 ppm	30 ppm	-	●	●	●	●	●
Nitrogen Dioxide	NO2	10102-44-0	3 ppm	25 ppm	●	-	-	-	-	-
Nitrogen Trifluoride	NF3	7783-54-2	10 ppm	50ppm	●	-	-	-	-	-
Nitrogen Trifluoride**	NF3	7783-54-2	10 ppm	20ppm	-	-	-	-	●	-
Octafluorocyclopentene**	C5F8	559-40-0	2 ppm	15ppm	-	-	-	-	●	-
Ozone	O3	10028-15-6	100 ppb	300 ppb	●	-	-	-	-	-
Phenyl Trichlorosilane ^{AA}	SiCl3Ph (HCl)	98-13-5	5 ppm	15 ppm	●	●	●	●	●	●
Phosgene	COCl2	75-44-5	100 ppb	5000 ppb	-	●	●	●	●	●
Phosgene	COCl2	75-44-5	100 ppb	4000 ppb	-	●	●	●	●	-
Phosgene	COCl2	75-44-5	100 ppb	3250 ppb	-	●	●	●	●	●
Phosgene	COCl2	75-44-5	100 ppb	3000 ppb	●	●	●	●	●	-
Phosgene	COCl2	75-44-5	100 ppb	1000 ppb	-	●	●	●	●	-
Phosgene	COCl2	75-44-5	100 ppb	900 ppb	-	●	●	●	●	-
Phosgene	COCl2	75-44-5	100 ppb	300 pbb	-	●	●	●	●	●
Phosgene	COCl2	75-44-5	100 ppb	90 ppb	●	-	-	-	-	-
Phosphine	PH3	7803-51-2	300 ppb	300 ppb	-	●	●	●	●	●
Phosphine	PH3	7803-51-2	300 ppb	1500 ppb	●	●	●	●	●	●
Phosphorus Oxychloride ^{AA}	POCl3 (HCl)	10025-87-3	5 ppm	15 ppm	●	●	●	●	●	●
Phosphorus Pentachloride ^{AA}	PCl5 (HCl)	10026-13-8	5 ppm	15 ppm	●	●	●	●	●	●
Phosphorus Pentafluoride ^A	PF5 (HF)	7647-19-0	2 ppm	10 ppm	●	●	●	●	●	●
Phosphorus Tribromide ^{AAA}	PBr3 (HBr)	7789-60-8	3 ppm	20 ppm	●	●	●	●	●	●
Phosphorus Trichloride ^{AA}	PCl3 (HCl)	7719-12-2	5 ppm	15 ppm	●	●	●	●	●	●
Phosphorus Trifluoride ^A	PF3 (HF)	7783-55-3	2 ppm	10 ppm	●	●	●	●	●	●
Silane	SiH4	7803-62-5	5 ppm	50 ppm	●	●	●	●	●	●
Silicon Tetrachloride ^{AA}	SiCl4 (HCl)	10026-04-7	5 ppm	15 ppm	●	●	●	●	●	●
Silicon Tetrafluoride ^A	SiF4 (HF)	7783-61-1	2 ppm	10 ppm	●	●	●	●	●	●
Stibine	SbH3	7803-52-3	100 ppb	500 ppb	-	●	●	●	●	●
Sulfur Dioxide	SO2	7746-09-5	2 ppm	2500 ppb	-	●	●	●	●	●
Sulfur Dioxide	SO2	7746-09-5	2 ppm	2500 ppb	●	-	-	-	-	-
Sulfur Hexafluoride	SF6	2551-62-4	400 ppm	2000 ppm	●	-	-	-	-	-
Sulfur Tetrafluoride ^A	SF4 (HF)	7786-60-0	2 ppm	10 ppm	●	●	●	●	●	●
Sulfuric Acid	H2SO4	7764-93-9	50 ppb	750 ppb	●	●	-	-	-	-
Sulfuric Acid	H2SO4	7764-93-9	50 ppb	3200 ppb	-	●	●	●	●	●
Tertiary Butyl Arsine	TBA		91 ppb	500 ppb	-	-	-	-	-	●
Tetrafluorosilane ^A	SiF4 (HF)	7783-61-1	2 ppm	10 ppm	●	●	●	●	●	●
Tetrakis(dimethylamido)titanium	TDMAT	3275-24-9	1000 ppb	20000 ppb	●	-	-	-	-	-
Tin Tetrachloride ^{AA}	SnCl4 (HCl)	7646-78-8	5 ppm	15 ppm	●	●	●	●	●	●
Titanium Tetrachloride ^{AA}	TiCl4 (HCl)	7550-45-0	0.1 ppm	15ppm	●	●	●	●	●	●
Toluene Diisocyanate	TDI	584-84-9	5 ppb	100 ppb	-	●	-	-	-	-
Toluene Diisocyanate	TDI	584-84-9	5 ppb	200 ppb	●	●	-	-	-	-
Toulene Diamine	TDA	95-80-7	10 ppm	60 ppb	-	●	-	-	-	-
Trichlorosilane ^{AA}	SiHCl3 (HCl)	10025-78-2	5 ppm	15 ppm	●	●	●	●	●	●
Trimethylamine	TMA	75-50-3	5000 ppb	50000 ppb	●	-	-	-	-	-
Tungsten Hexafluoride ^A	WF6 (HF)	7783-82-6	2 ppm	10 ppm	●	●	●	●	●	●
Velcorin	DMDC	4525-33-1	40 ppb	500 ppb	●	-	-	-	-	-
Velcorin	DMDC	4525-33-1	40 ppb	200 ppb	-	●	●	●	●	●

* Not all ranges available for every product. Please contact DOD Technologies for additional requests.

** Requires pyrolyzer option for detection

- ^ Compounds which hydrolyze to HF
- ^^ Compounds which hydrolyze to HCl
- ^^^ Compounds which hydrolyze to HBr