

Name	Gas	Gas Family	Units	FS	TLV	Alarm 1 Default	Alarm 2 Default	ChemLogic Cassette #	Filter Part #
Ammonia	NH3	Ammonia	ppm	75	25	25	50	1-700-050	60009 or 2-800-013
Ammonia	NH3	Ammonia	ppm	150	25	25	50	1-700-050	60009 or 2-800-013
Arsenic Pentafluoride [^]	AsF5 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Arsenic Trichloride ^{^^}	AsHCl3 (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Arsenic Trifluoride [^]	AsF3 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Arsine	AsH3	Hydrides	ppb	500	5	50	100	1-300-050	780248
Arsine	AsH3	Hydrides (LL)	ppb	50	5	5	10	1-300-050	780248
Boron Tribromide ^{^^^}	BBr3 (HBr)	MA-SG	ppm	20	2	3	6	1-420-150	60009 or 2-800-013
Boron Trichloride ^{^^}	BCl3 (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Boron Trifluoride	BF3	MA-SG	ppb	1000	100	100	200	1-420-150	60009 or 2-800-013
Boron Trifluoride	BF3	MA-SG	ppb	3200	100	100	200	1-420-150	60009 or 2-800-013
Boron Trifluoride	BF3	MA-SG	ppb	10000	100	100	200	1-420-150	60009 or 2-800-013
Bromine	Br2	Bromine	ppb	1000	100	100	200	1-490-050	60009 or 2-800-013
Carbonyl Sulfide	COS	COS	ppm	20	5	5	10	1-300-085	780248
Carbonyl Fluoride [^]	COF2 (HF)	MA-SG	ppm	10	2	2	4	1-420-150	60009 or 2-800-013
Chlorine	Cl2	Chlorine-SG	ppb	5000	100	500	1000	1-560-150	60009 or 2-800-013
Chlorine	Cl2	Oxidizers	ppb	3200	100	500	1000	1-550-050	60009 or 2-800-013
Chlorine	Cl2	Chlorine-SG	ppb	2000	100	500	1000	1-560-150	60009 or 2-800-013
Chlorine Trifluoride [^]	ClF3 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Diborane	B2H6	Hydrides	ppb	1000	100	100	200	1-300-050	780248
Dichlorosilane ^{^^}	SiH2Cl2 (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Fluorine	F2	Oxidizers	ppb	3200	100	1000	2000	1-550-050	60009 or 2-800-013
Fluorine	F2	Oxidizers	ppb	10000	100	1000	2000	1-550-050	60009 or 2-800-013
Fluorine (SG)	F2	Chlorine-SG	ppb	10000	100	1000	2000	1-560-150	60009 or 2-800-013
Fluorine (SG)	F2	Chlorine-SG	ppb	1000	100	100	200	1-560-150	60009 or 2-800-013
Fluorosilicic acid [^]	H2SiF6 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Germane	GeH4	Hydrides	ppb	2000	200	200	400	1-300-050	780248
Germane	GeH4	Hydrides (LL)	ppb	2000	200	200	400	1-300-050	780248
Germanium Tetrafluoride [^]	GeF4 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Hexachlorodisilane ^{^^}	SiCl2 (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Hexafluorocyclobutene ^{**}	C4F6	Pyro	ppm	40	5	5	10	1-420-150	60009 or 2-800-013
Hydrogen Chloride	HCl	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Hydrogen Chloride	HCl	MA-SG	ppm	20	2	5	10	1-420-150	60009 or 2-800-013
Hydrogen Bromide	HBr	MA-SG	ppm	20	2	3	6	1-420-150	60009 or 2-800-013
Hydrogen Fluoride	HF	MA-SG	ppm	10	0.5	3	6	1-420-150	60009 or 2-800-013
Hydrogen Fluoride	HF	MA-SG	ppm	20	0.5	3	6	1-420-150	60009 or 2-800-013
Hydrogen Selenide	H2Se	Hydrides (LL)	ppb	500	50	50	100	1-300-050	780248
Hydrogen Sulfide	H2S	Hydrides	ppb	1500	1000	100	200	1-300-050	780248
Hydrogen Sulfide	H2S	Hydrides	ppb	500	1000	100	200	1-300-050	780248
Hydrogen Sulfide	H2S	Hydrides	ppb	90	1000	25	50	1-300-050	780248
Hydrogen Sulfide	H2S	Hydrides	ppm	50	1	10	20	1-300-050	780248
Hydrogen Sulfide	H2S	Hydrides	ppm	20	1	1	2	1-300-050	780248
Nitric Acid	HNO3	MA-SG	ppb	5000	2000	2000	4000	1-420-150	60009 or 2-800-013
Nitrogen Dioxide	NO2	Oxidizers	ppm	30	0.2	3	6	1-550-050	780248
Nitrogen Trifluoride ^{**}	NF3	Pyro	ppm	50	10	10	20	1-420-150	60009 or 2-800-013
Phenyl Trichlorosilane ^{^^}	SiCl3Ph (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Phosgene	COCl2	Phosgene	ppb	5000	100	100	200	1-200-050	780248
Phosgene	COCl2	Phosgene	ppb	3250	100	100	200	1-200-050	780248
Phosgene	COCl2	Phosgene	ppb	1000	100	100	200	1-200-050	780248
Phosgene	COCl2	Phosgene	ppb	300	100	100	200	1-200-050	780248
Phosphine	PH3	Hydrides	ppb	1500	50	50	100	1-300-050	780248
Phosphine	PH3	Hydrides	ppb	3000	50	50	100	1-300-050	780248
Phosphorus Oxychloride ^{^^}	POCl3 (HCl)	MA-SG	ppm	15	0.1	5	10	1-420-150	60009 or 2-800-013
Phosphorus Pentachloride ^{^^}	PCl5 (HCl)	MA-SG	ppm	15	0.1	5	10	1-420-150	60009 or 2-800-013

Name	Gas	Gas Family	Units	FS	TLV	Alarm 1 Default	Alarm 2 Default	ChemLogic Cassette #	Filter Part #
Phosphorus Pentafluoride [^]	PF5 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Phosphorus Tribromide ^{^^^}	PBr3 (HBr)	MA-SG	ppm	20	2	3	6	1-420-150	60009 or 2-800-013
Phosphorus Trichloride ^{^^}	PCl3 (HCl)	MA-SG	ppm	15	0.2	5	10	1-420-150	60009 or 2-800-013
Phosphorus Trifluoride [^]	PF3 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Silane	SiH4	Hydrides	ppm	50	5	5	10	1-300-050	780248
Silane	SiH4	Hydrides	ppb	15000	5000	5000	10000	1-300-050	780248
Silicon Tetrachloride ^{^^}	SiCl4 (HCl)	MA-SG	ppm	15	5	5	10	1-420-150	60009 or 2-800-013
Sulfur Dioxide	SO2	SO2	ppb	2500	250	250	500	1-810-050	60009 or 2-800-013
Sulfur Tetrafluoride [^]	SF4 (HF)	MA-SG	ppm	10	0.1	2	4	1-420-150	60009 or 2-800-013
Sulfuric Acid	H2SO4	MA-SG	ppb	3200	50	50	100	1-420-150	60009 or 2-800-013
Tetrakis(dimethylamido) titanium	TDMAT	Ammonia	ppm	10	2	1	2	1-700-050	60009 or 2-800-013
Tertiary Butyl Arsine	TBA	Hydrides	ppb	500	91	50	100	1-300-050	780248
Tetrafluorosilane [^]	SiF4 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013
Titanium Tetrachloride ^{^^}	TiCl4 (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Tin Tetrachloride ^{^^}	SnCl4 (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Trichlorosilane ^{^^}	SiHCl3 (HCl)	MA-SG	ppm	15	2	5	10	1-420-150	60009 or 2-800-013
Tungsten Hexafluoride [^]	WF6 (HF)	MA-SG	ppm	10	0.5	2	4	1-420-150	60009 or 2-800-013

* Additional ranges may be available and are subject to change. Please review product specifications or contact DOD Technologies.

** Requires pyrolyzer option for detection

[^] Compounds which hydrolyze to HF

^{^^} Compounds which hydrolyze to HCl

^{^^^} Compounds which hydrolyze to HBr

MA-SG = Mineral Acid SG

Hydrides (LL) = Hydrides (Low-Level Arsine)