

Name	Gas	Gas Family	Units	FS	TLV	Alarm 1 Default	Alarm 2 Default	ChemLogic Cassette #
Acetic Acid	CH3CO2H	Acetic Acid	ppb	50	10000	10000	20000	-
Ammonia	NH3	Ammonia	ppm	75	25	25	50	1-700-052
Arsenic Pentafluoride [^]	AsF5 (HF)	MA-SG	ppm	10	0.5	2	4	-
Arsenic Trichloride ^{^^}	AsHCl3 (HCl)	MA-SG	ppm	15	2	5	10	-
Arsenic Trifluoride [^]	AsF3 (HF)	MA-SG	ppm	10	0.5	2	4	-
Arsine	AsH3	Hydrides	ppb	500	5	50	100	1-300-052
Arsine	AsH3	Hydrides	ppb	500	5	50	100	1-300-052
Arsine	AsH3	Hydrides (LL)	ppb	50	5	5	10	1-300-052
Boron Tribromide ^{^^^}	BBr3 (HBr)	MA-SG	ppm	20	2	3	6	-
Boron Trichloride ^{^^}	BCl3 (HCl)	MA-SG	ppm	15	2	5	10	-
Boron Trifluoride	BF3	MA-SG	ppb	10000	100	1000	2000	1-420-052
Boron Trifluoride	BF3	MA-SG	ppb	3200	100	1000	2000	1-420-052
Boron Trifluoride	BF3	MA-SG	ppb	3200	100	100	200	1-420-052
Bromine	Br2	MA-120D	ppb	3200	100	100	200	-
Carbonyl Fluoride [^]	COF2 (HF)	MA-SG	ppm	10	2	2	4	-
Carbonyl Sulfide	COS	COS			5			-
Chlorine	Cl2	Chlorine-SG	ppb	5000	100	500	1000	1-560-052
Chlorine	Cl2	Chlorine-SG	ppb	3200	100	500	1000	1-560-052
Chlorine	Cl2	Chlorine-SG	ppb	2000	100	500	1000	1-560-052
Chlorine	Cl2	Chlorine-SG	ppb	5000	100	500	1000	1-560-052
Chlorine	Cl2	Chlorine (LL)	ppb	30	100	500	1000	1-560-052
Chlorine Trifluoride [^]	ClF3 (HF)	MA-SG	ppm	10	0.5	2	4	-
Cyclohexane Diisocyanate	CHDI							-
Cynogen Chloride ^{**}	NCCl	HCN pyro	ppm	10	0.3	0.3	0.6	-
Diborane	B2H6	Hydrides	ppb	1000	100	100	200	1-300-052
Diborane	B2H6	Hydrides	ppb	1000	100	100	200	1-300-052
Dichlorosilane ^{^^}	SiH2Cl2 (HCl)	MA-SG	ppm	15	2	5	10	-
Fluorine	F2	OXI	ppb	3200	100	1000	2000	-
Fluorine	F2	OXI	ppb	10000	100	1000	2000	-
Fluorine	F2	Chlorine-SG	ppb	10000	100	1000	2000	-
Fluorosilicic acid [^]	H2SiF6 (HF)	MA-SG	ppm	10	0.5	2	4	-
Germane	GeH4	Hydrides (LL)	ppb	2000	200	200	400	1-300-052
Germane	GeH4	Hydrides	ppb	2000	200	200	400	1-300-052
Germanium Tetrafluoride [^]	GeF4 (HF)	MA-SG	ppm	10	0.5	2	4	-
Hexachlorodisilane ^{^^}	SiCl2 (HCl)	MA-SG	ppm	15	2	5	10	-
Hexafluorocyclobutene ^{**}	C4F6	Pyro	ppm	40	5	5	10	1-420-052
Hydrazine	N2H4	Hydrazine	ppb	500	10			1-D11-052
Hydrogen Chloride	HCl	MA-SG	ppm	15	2	5	10	1-420-052
Hydrogen Chloride	HCl	MA-SG	ppm	15	2	5	10	1-420-052
Hydrogen Chloride	HCl	MA-LL	ppb	3250	2	500	1000	1-420-052
Hydrogen Bromide	HBr	MA-SG	ppm	20	2	3	6	1-420-052
Hydrogen Cyanide	HCN	HCN	ppb	2500	4700	500	1000	-
Hydrogen Fluoride	HF	MA-SG	ppm	10	0.5	2	4	1-420-052
Hydrogen Fluoride	HF	MA-SG	ppm	20	0.5	3	6	1-420-052

Name	Gas	Gas Family	Units	FS	TLV	Alarm 1 Default	Alarm 2 Default	ChemLogic Cassette #
Hydrogen Selenide	H ₂ Se	Hydrides (LL)	ppb	500	50	50	100	1-300-052
Hydrogen Sulfide	H ₂ S	Hydrides	ppm	20	1	1	2	1-300-052
Hydrogen Sulfide	H ₂ S	Hydrides	ppm	25	1	10	20	1-300-052
Hydrogen Sulfide	H ₂ S	Hydrides	ppm	5	1	1	2	1-300-052
Nitric Acid	HNO ₃							-
Nitrogen Dioxide	NO ₂	OXI	ppm	30	0.2	3	6	1-600-052
Nitrogen Dioxide	NO ₂	OXI	ppm	100	0.2	3	6	1-550-052
Nitrogen Trifluoride**	NF ₃	Pyro	ppm	20	10	10	20	-
Octafluorocyclopentene**	C ₅ F ₈	Pyro	ppm	15	2	2	4	-
Phenyl Trichlorosilane^^	SiCl ₃ Ph (HCl)	MA-SG	ppm	15	2	5	10	-
Phosgene	COCl ₂	Phosgene	ppb	1000	100	100	200	1-200-052
Phosgene	COCl ₂	Phosgene	ppb	4000	100	100	200	1-200-052
Phosgene	COCl ₂	Phosgene	ppb	900	100	100	200	1-200-052
Phosgene	COCl ₂	Phosgene	ppb	3000	100	100	200	1-200-052
Phosgene	COCl ₂	Phosgene	ppb	1000	100	100	200	1-200-052
Phosgene	COCl ₂	Phosgene	ppb	300	100	100	200	1-200-052
Phosgene	COCl ₂	Phosgene	ppb	5000	100	100	200	1-200-052
Phosphine	PH ₃	Hydrides (LL)	ppb	300	50	50	100	1-300-052
Phosphine	PH ₃	Hydrides	ppb	1500	50	50	100	1-300-052
Phosphine	PH ₃	Hydrides	ppb	1500	50	300	600	1-300-052
Phosphorus Oxychloride^^	POCl ₃ (HCl)	MA-SG	ppm	15	2	5	10	-
Phosphorus Pentachloride^^	PCl ₅ (HCl)	MA-SG	ppm	15	2	5	10	-
Phosphorus Pentafluoride^	PF ₅ (HF)	MA-SG	ppm	10	0.5	2	4	-
Phosphorus Tribromide^^^	PBr ₃ (HBr)	MA-SG	ppm	20	2	3	6	-
Phosphorus Trichloride^^	PCl ₃ (HCl)	MA-SG	ppm	15	2	5	10	-
Phosphorus Trifluoride^	PF ₃ (HF)	MA-SG	ppm	10	0.5	2	4	-
Silane	SiH ₄	Hydrides (LL)	ppb	15000	5000	5000	10000	1-300-052
Silane	SiH ₄	Hydrides	ppm	50	5	5	10	1-300-052
Silicon Tetrachloride^^	SiCl ₄ (HCl)	MA-SG	ppm	15	2	5	10	-
Stibine	SbH ₃	Hydrides (LL)	ppb	500	100	100	200	-
Sulfur Tetrafluoride^	SF ₄ (HF)	MA-SG	ppm	10	0.5	2	4	-
Sulfuric Acid	H ₂ SO ₄	MA-SG	ppb	3200	50	100	200	-
Tetrafluorosilane^	SiF ₄ (HF)	MA-SG	ppm	10	0.5	2	4	-
Tin Tetrachloride^^	SnCl ₄ (HCl)	MA-SG	ppm	15	2	5	10	-
Trichlorosilane^^	SiHCl ₃ (HCl)	MA-SG	ppm	15	2	5	10	-
Tungsten Hexafluoride^	WF ₆ (HF)	MA-SG	ppm	10	0.5	2	4	-
Trichlorosilane^^	SiHCl ₃ (HCl)	MA-SG	ppm	15	2	5	10	-
Tungsten Hexafluoride^	WF ₆ (HF)	R	ppm	10	0.5	2	4	-
Velcorin	DMDC	Velcorin	ppb	200	40	40	80	-

* 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