

Gas Tables

Gas Name	Formula	Range	Lower Alarms Limit	Default Alarms 1	Default Alarms 2	Sensor Part Number
Ammonia	NH3	0-100 ppm	12 ppm	12.5 ppm	25 ppm	MIDAS-S/E-NH3
Arsine	AsH3	0-200 ppb	5 ppb	5 ppb	10 ppb	MIDAS-S/E-ASH
Boron Trichloride	BCl 3	0-8 ppm	0.95 ppm	1 ppm	2 ppm	MIDAS-S/E-HCL
Boron Trifluoride	BF3	0-8 ppm	0.96 ppm	1 ppm	2 ppm	MIDAS-S/E-HFX
Boron Trifluoride Low Range	BF3	0-2 ppm	0.45 pm	0.45 ppm	0.5 ppm	MIDAS-E-HFU
Boron Trifluoride Low Level	BF3	0-2 ppm	0.24 ppm	0.25 ppm	0.5 ppm	MIDAS-S/E-HFL
Bromine	Br2	0-0.4 ppm	0.048 ppm	0.05 ppm	0.1 ppm	MIDAS-S/E-BR2
n-Butane	nCH410	0-100% LEL	4.5% LEL	10% LEL	20% LEL	MIDAS-E-LEB
Carbon Dioxide	CO2	0-2 vol%	0.25 vol%	0.25 vol%	0.50 vol%	MIDAS-S/E-CO2
		0-2 vol%	0.25 vol%	0.25 vol%	0.50 vol%	MIDAS-I-CO2
		0-5 vol%	0.25 vol%	0.25 vol%	0.50 vol%	MIDAS-I-CO2
		0-0.2 vol%	0.02 vol%	0.02 vol%	0.05 vol%	MIDAS-I-CO2

Carbon Monoxide	CO	0-100 ppm	12 ppm	12.5 ppm	25 ppm	MIDAS-S/E-COH
		0-100 ppm	12 ppm	12.5 ppm	25 ppm	MIDAS-S/E-COX
Carbonyl Sulfide	COS	0-100 ppm	10 ppm	10 ppm	20 ppm	MIDAS-X-COS
			25 ppm	25 ppm	50 ppm	
Chlorine	Cl ₂	0-2 ppm	0.24 ppm	0.25 ppm	0.50 ppm	MIDAS-S/E-HAL
		0-2 ppm	0.24 ppm	0.25 ppm	0.50 ppm	MIDAS-E-HAX
Chlorine Dioxide	ClO ₂	0-0.4 ppm	0.048 ppm	0.05 ppm	0.1 ppm	MIDAS-S/E-BR2
Diborane	B ₂ H ₆	0-400 ppb	48 ppb	50 ppb	100 ppb	MIDAS-S/E-B2H
Dichlorosilane	SiHCl ₂	0-8 ppm	0.95 ppm	1 ppm	2 ppm	MIDAS-S/E-HCL
Dichlorosilane High Range	H ₂ SiCl ₂	0-15 ppm	5 ppm	5 ppm	10 ppm	MIDAS-E-HCH
Difluoromethane	CH ₂ F ₂	0-120 ppm	8 ppm	15 ppm	30 ppm	MIDAS-S/E-XCF
Disilane	Si H ₂	0-20 ppm	2.4 ppm	2.5 ppm	5 ppm	MIDAS-S/E-SHX
Ethylene	C ₂ H ₄	0-100% LEL	4.5% LEL	10% LEL	20% LEL	MIDAS-S/H/E-LEL
Fluorine	F ₂	0-4 ppm	0.25 ppm	0.25 ppm	1.00 ppm	MIDAS-S/E-HAL

Germane	GeH4	0-800 ppb	95 ppb	100 ppb	200 ppb	MIDAS-S/E-ASH
Hexafluorobutadiene	C4F6	0-40 ppm	4.0 ppm	5 ppm	10 ppm	MIDAS-S/E-XCF
Hexafluorobutadiene (w/HTP pyro) High Range	C4F6	0-80 ppm	20 ppm	20 ppm	40 ppm	MIDAS-E-CFH
Hexafluoroisobutylene	CHF426	0-40 ppm	12 ppm	12 ppm	24 ppm	MIDAS-S/E-XCF
Hydrogen (%LEL) ^{7}	H2	0-100% LEL 1	4.5% LEL	10% LEL	20% LEL	MIDAS-S/H/E-LEL ^{8}
Hydrogen (ppm)	H2	0-1000 ppm	120 ppm	125 ppm	250 ppm	MIDAS-S/E-H2X
Hydrogen Bromide	HBr	0-8 ppm	0.95 ppm	1 ppm	2 ppm	MIDAS-S/E-HCL
Hydrogen Chloride	HCl	0-8 ppm	0.30 ppm	1 ppm	2 ppm	MIDAS-S/E-HCL
Hydrogen Chloride High Range	HCl	0-15 ppm	1.7 ppm	5 ppm	10 ppm	MIDAS-E-HCH
Hydrogen Cyanide	HCN	0-20 ppm	2.4 ppm	2.5 ppm	4.7 ppm	MIDAS-S/E-HCN
Hydrogen Fluoride	HF	0-12 ppm	1.45 ppm	1.5 ppm	3 ppm	MIDAS-S/E-HFX
Hydrogen Fluoride Low Range	HF	0 - 2 ppm	0.45 ppm	0.45 ppm	0.5 ppm	MIDAS-S/E-HFU
Hydrogen Fluoride Low Level	HF	0.18-2 ppm	0.24 ppm	0.25 ppm	0.5 ppm	MIDAS-S/E-HFL

Hydrogen Sulfide	HS2	0-40 ppm	4.8 ppm	5 ppm	10 ppm	MIDAS-S/E-H2S
Methane (%LEL) ^{7}	CH4	0-100% LEL 1	4.5%LEL	10% LEL	20% LEL	MIDAS-S/H/E-LEL ^{8}
Methyl Fluoride	CH3F	0-120 ppm	10 ppm	15 ppm	30 ppm	MIDAS-S/E-XHF
Nitrogen Dioxide	NO2	0-12 ppm	1.45 ppm	1.5 ppm	3 ppm	MIDAS-S/E-NO2
Nitric Oxide	NO	0-100 ppm	12 ppm	12.5 ppm	25 ppm	MIDAS-S/E-NOX
		0-40 ppm	4.8 ppm	5.0 ppm	10.0 ppm	MIDAS-S/E-HFX
Nitrogen Trifluoride	NF3	0-40 ppm	4.0 ppm	5 ppm	10 ppm	MIDAS-S/E-XHF
Nitrous Oxide	NO2	0-1000 ppm	125 ppm	250 ppm	500 ppm	MIDAS-I-N2O
n-Octane	n-CH818	0-100% LEL	4.5% LEL	10% LEL	20% LEL	MIDAS-E-LEO
Octafluorocyclopentene	C5F8	0-40 ppm	4.0 ppm	5 ppm	10 ppm	MIDAS-S/E-XCF
Oxygen Proficiency & Deficiency	O2	0-25 vol%	5 vol%	23.5 vol%	19.5 vol%	MIDAS-S/E-O2X
						MIDAS-S/E-O2S
						MIDAS-L-O2S

Ozone	O3	0-0.4 ppm	0.048 ppm	0.05 ppm	0.1 ppm	MIDAS-S/E-O3X
Ozone High Level	O3	0-0.7 ppm	0.085 ppm	0.3 ppm	0.6 ppm	MIDAS-E-O3H
Phosphine	PH3	0-1200 ppb	145 ppb	150 ppb	300 ppb	MIDAS-S/E-PHX
Propane (%LEL) C ₃ H ₈ US	C3H8	0-100% LEL	4.5% LEL	10% LEL	20% LEL	MIDAS-S/E-LEX
Propane (%LEL) C ₃ H ₈ EU		0-100% LEL	4.5% LEL	10% LEL	20% LEL	MIDAS-S/E-LEX
Propylene	C3H6	0-100% LEL	4.5% LEL	10% LEL	20% LEL	MIDAS-S/H/E-LEL
R134a	C2H2F4	0-1000 ppm	50 ppm	250 ppm	500 ppm	MIDAS-S/E-XCF
Silane	SiH4	0-20 ppm	2.4 ppm	2.5 ppm	5 ppm	MIDAS-S/E-SHX
Silane Low Level	SiH4	0-2 ppm	0.24 ppm	0.25 ppm	0.50 ppm	MIDAS-S/E-SHL
Sulfur Dioxide	SO2	0-8 ppm	0.95 ppm	1 ppm	2 ppm	MIDAS-S/E-SO2
			4.8 ppm	5 ppm	10 ppm	
TEOS	TEOS	0-40 ppm	5.8 ppm	6 ppm	10 ppm	MIDAS-S/E-TEO
Tungsten						
Hexafluoride	WF6	0-12 ppm	1.45 ppm	1.5 ppm	3 ppm	MIDAS-S/E-HFX

Tungsten Hexafluoride Low Range	WF6	0-2 ppm	0.45 ppm	0.45 ppm	0.5 ppm	MIDAS-E-HFU
Tungsten Hexafluoride Low Level	WF6	0-2 ppm	0.24 ppm	0.25 ppm	0.5 ppm	MIDAS-S/E-HFL