

HYDROGEN CHLORIDE - (HCl)

4.8

DESCRIPTION : A colorless, toxic, corrosive gas shipped at its own vapor pressure of 42,3 Barg at 21° C.	APPLICATIONS : Etching of native oxide prior to epitaxial deposition; CVD reactor cleaning, moisture getter in CVD oxides.	ADR Item No. : 2, 2 TC
		ADR Label 2.3 Toxic gas Label 8 Corrosive substance
		MSDS REFERENCE : 069
		CHEMICAL ABSTRACTS : 7647-01-0
		UN No. : 1050

PRODUCT		PRESSURE BARG	VALVE TYPE	VALVE OUTLET DIN 477 No	VALVE MATERIALS OF CONSTRUCTION
CYLINDER	CONTENTS				
50H	37 kg	42,3	Diaphragm	8	316L SS

PRODUCT CHARACTERISTICS	PRAXAIR SPECIFICATIONS	METHOD OF ANALYSIS (SEE KEY)
MINIMUM PURITY	99,998 %	
Methane (CH ₄)	≤ 1 ppm	C
Nitrogen (N ₂)	≤ 5 ppm	C
Oxygen (O ₂)	≤ 2 ppm	C
Water (H ₂ O)	≤ 2 ppm	G

Notes :

- ◆ Cylinder sizes, contents, valve types and valve connections other than those indicated above are available on request.
- ◆ All expressions for concentration are for gas phase, by volume unless otherwise noted.
- ◆ MSDS Ref.: More detailed Safety Information can be obtained from the Material Safety Data Sheet No. 069

Key to Analytical Techniques			
A	Gas Chromatograph with Thermal Conductivity Detector	D	Specific Oxygen Analyzer
B	Gas Chromatograph with Flame Ionization Detector	E	Specific Water Analyzer
C	Gas Chromatograph with Ultrasonic Detector	F	Total Hydrocarbon Analyzer
		G	Infrared
		H	Proprietary
		I	Gas Chromatograph with Helium Ionization Detector
		J	Flame Ionization with Methanizer
		K	Gas Chromatograph - Photo Ionization
		L	Gas Chromatograph - Flame Photometric
		M	Mass Spectrometry
		N	Wet Chemical
		O	Gas Chromatograph with Discharge Ionization Detector
		P	Gas Chromatograph with Methanizer Carbonizer
		Q	Gas Chromatograph with Electrolytic Conductivity
		R	Gas Chromatograph with Reduction Gas Analyzer
		S	Gaschromatograph with High Frequency Discharge Detector

IMPORTANT

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**EG 49-4.8
08/2003**