HELIUM - (He) 5.6

DESCRIPTION : A colorless, non flammable, high-pressure gas. It acts as a simple asphyxiant by displacing air.	**APPLICATIONS** : Carrier/Purge gas; blanket gas to exclude air from certain fabrication processes. Helium 5.6 can be especially useful for purging of lines and equipment used for VLSI and ULSI device fabrication.	**ADR Item No.** : 2, 1 A **ADR** Label 2.2 Non flammable, non toxic gas **MSDS REFERENCE** : 061A **CHEMICAL ABSTRACTS** : 7440-59-7 **UN No.** : 1046

PRODUCT		PRESSURE BARG	VALVE TYPE	VALVE OUTLET	VALVE MATERIALS OF CONSTRUCTION
CYLINDER	CONTENTS			DIN 477 No	
50H	9,3 m³	200	Diaphragm	6	316L SS

PRODUCT CHARACTERISTICS	PRAXAIR SPECIFICATIONS	METHOD OF ANALYSIS (SEE KEY)
MINIMUM PURITY	**99,9996 %**	
Carbon Dioxide (CO_2) + CO	≤ 0,2 ppm	J
Total Hydrocarbons (THC)	≤ 0,1 ppm	J
Nitrogen (N_2)	≤ 2 ppm	S
Oxygen (O_2)	≤ 0,5 ppm	D
Water (H_2O)	≤ 2 ppm	E
Hydrogen (H_2)	≤ 0,1 ppm	I

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. 061A

Key to Analytical Techniques

A Gas Chromatograph with Thermal Conductivity Detector
B Gas Chromatograph with Flame Ionization Detector
C Gas Chromatograph with Ultrasonic Detector
D Specific Oxygen Analyzer
E Specific Water Analyzer
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

To ensure you have the latest available information, refer to this number when contacting your local Praxair office.

EG 46-5.6
08/2003