

OCTAFLUOROCYCLOPENTENE - (C₅F₈) _____ 4.0

DESCRIPTION : (perfluorocyclopentene) Non flammable, toxic liquid gas, shipped at its vapor pressure of 0.8 barg at 21°C	APPLICATIONS : C ₅ F ₈ is used in critical etch processes to etch dielectric materials	ADR Item No. : 6.1
		ADR Label 2.3 Toxic gas
		MSDS REFERENCE : 170PR
		CHEMICAL ABSTRACTS : 559-40-0
		UN No. : 2810

PRODUCT		PRESSURE BARG	VALVE TYPE	VALVE OUTLET DIN 477 No	VALVE MATERIALS OF CONSTRUCTION
CYLINDER	CONTENTS				
3H	3 kg	0.8	Diaphragm	6	316L SS

PRODUCT CHARACTERISTICS	PRAXAIR SPECIFICATIONS	METHOD OF ANALYSIS (SEE KEY)
MINIMUM PURITY	99.99 %	
Nitrogen (N ₂)	≤ 100 ppm	NA
Oxygen (O ₂)	≤ 20 ppm	NA
Perfluoro 1.3 butadiene (C ₄ F ₆)	≤ 50 ppm/w *	NA
Water	≤ 10 ppm/w *	NA
METALS/DOPANTS		
See back for specifications		

- ◆ 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. 170PR

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

EG 64-4.0
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OCTAFLUOROCYCLOPENTENE - (C₅F₈) _____ 5.0

METALS/DOPANTS		
Aluminum (Al) *	5 ppm/w	NA
Calcium (Ca) *	5 ppm/w	NA
Copper (Cu) *	5 ppm/w	NA
Iron (Fe) *	5 ppm/w	NA
Magnesium (Mg) *	5 ppm/w	NA
Manganese (Mn) *	5 ppm/w	NA
Nickel (Ni) *	5 ppm/w	NA
Sodium (Na) *	5 ppm/w	NA
Zinc (Zn) *	5 ppm/w	NA
* Liquid phase		

Notes :