OCTAFLUOROCYCLOPENTENE - (C_5F_8) 4.0

DESCRIPTION : (perfluorocyclopentene) Non flammable, toxic lipuid gas, shipped at its vapor pressure of 0.8 barg at 21°C	**APPLICATIONS** : C_5F_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	VALVE MATERIALS OF CONSTRUCTION
CYLINDER	CONTENTS			DIN 477 No	
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_4F_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
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 64-4.0
08/2003

OCTAFLUOROCYCLOPENTENE - (C_5F_8) 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 :