

# Octofluorocyclopentene. C<sub>5</sub>F<sub>8</sub> Halocarbon C1418

**Product information** 

Octafluorocyclopentene is an etching agent.

Characteristics

Liquid, clear color, slight distinctive odor.

# Physical data

Molecular weight	[g/mol]	212.04			
Boiling point	at 1.013 bar [°C]	-5.99	at 14.5 psi [°F]	80.6	
Density	at 1.013 bar, 15 °C [kg/m³]	5.912	at 1 atm., 70 °F [lb/ft³]	0.361	
Vapor pressure	at 0 °C [bar]	18.64	at 32 °F [psi]	270.3	
	at 20 °C [bar]	30.01	at 70 °F [psi]	25	
Flammability range in	air (% volume)	Non comb	bustible		

# **Shipping information**

UN number	CAS number	EC number	DOT label	Hazard labels required
2810	559-40-0	204-127-4	Poison Gas	ADR Class 6.1 DOT Class 6.1

## **Product specification**

	Typical purity	Typical impurities [ppm]												
		Analogue	N <sub>2</sub>	02	H <sub>2</sub> 0	Na	Mg	Al	Ca	Fe	Ni	Cu	Zn	Mn
4.0N	≥99.99 %	≤99	≤100	≤20	≤10	≤5 ppb								

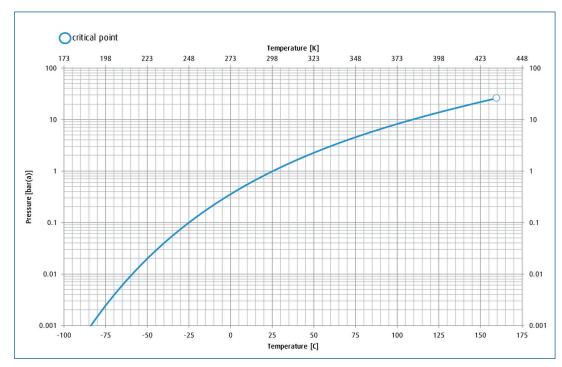
#### → Octofluorocyclopentene. Product datasheet.

### Packaging information

Package options	Cylinder designa- tion	Cylinder internal volume	Cylinder material	Cylinder diameter	Cylinder height to valve outlet	Cylinder tare weight	Fill contents	Pressure (psig) @ 70°	Valve outlet <sup>(2)</sup>	Valve material
Cylinder	16L	16L	Steel	6.75 in	32 in	63 lb	18 lb	12	CGA 716	SS

Please inquire about other package size availability

## Vapor pressure curve



#### Additional information

The information, recommendations, and data contained in this publication are intended to give basic guidance for safe handling and use of gases. For more information, please refer to Safety Data Sheets. You can locate these through the <u>Linde Safety Data Sheet Search</u>. It is essential for the safe use of gases that personnel are properly trained and are fully aware of the possible hazards. Further information and advice on any matter relating to the safe handling or use of these products may be obtained from the nearest Linde office.

Please visit <u>www.linde.com/electronics</u> for Linde Electronics sales offices information.