



Hexfluoro-1,3-butadiene. C_4F_6 Halocarbon C2316

Product information Hexfluoro-1,3-butadiene is an etching agent.

Characteristics Colorless liquefied gas with an ethereal odor. Poor warning properties at low concentrations. Asphyxiant in high concentrations. Gas density is heavier than air.

Physical data	Molecular weight	[g/mol]	162.03	
	Boiling point	at 1.013 bar [°C]	5.5	at 14.5 psi [°F]
Density	at 1.013 bar, 15 °C [kg/m ³]	6.79	at 1 atm., 70 °F [lb/ft ³]	1.4
Vapor pressure	at 0 °C [bar]	0.81	at 32 °F [psi]	11.74
	at 20 °C [bar]	1.77	at 70 °F [psi]	25.67
Flammability range in air (% volume)				

Shipping information	UN number	CAS number	EC number	DOT label	Hazard labels required
	3160	685-63-2	211-681-0	Liquefied gas, toxic, flammable	ADR Class 2.3 DOT Class 2.3

Product specification	Purity grade	Typical purity	Typical impurities [ppm]				Other Fluorocarbons
			O ₂ +Ar	N ₂	H ₂ O	CO ₂	
4N	≥99.99 %	<10	<40	<5	≤50	<200	

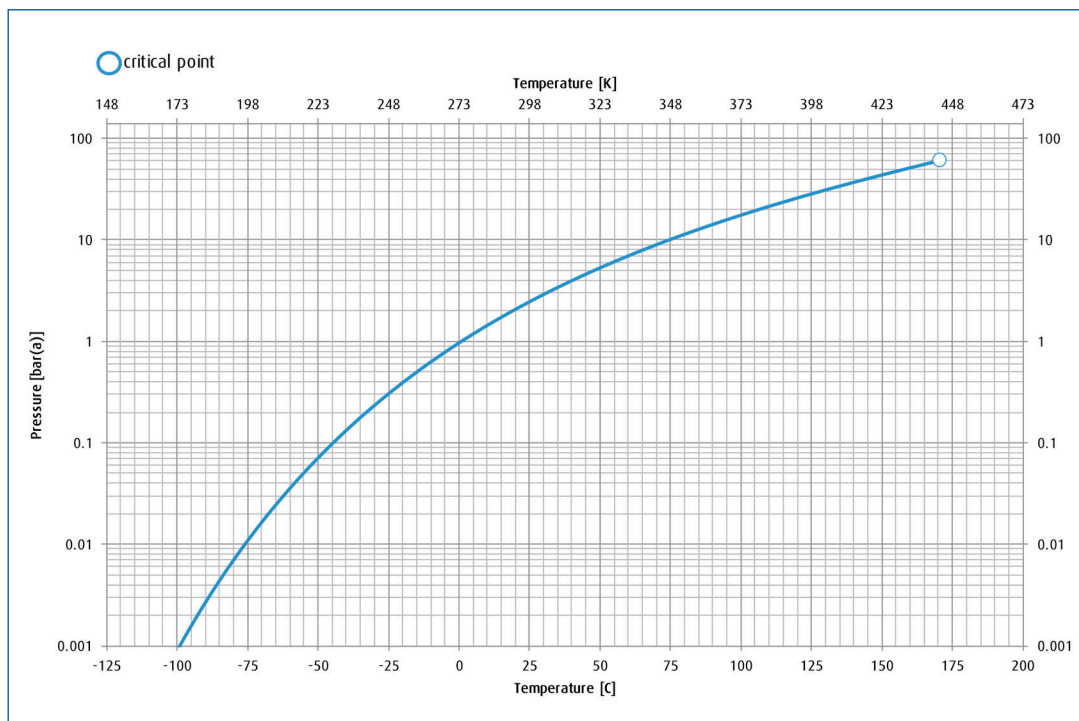
→ [Hexfluoro-1,3-butadiene. Product datasheet.](#)

Packaging information

Package options	Cylinder designation	Cylinder internal volume	Cylinder material	Cylinder diameter	Cylinder height to valve outlet	Cylinder tare weight	Fill contents	Pressure (psig) @ 70°	Valve outlet ⁽²⁾	Valve material	
US	Cylinder	200	44L	Steel	9 in	52 in	133 lb	66 lb	13	CGA 724	SS
EU, China	Cylinder	47L	47L	Steel	237 mm	1500 mm	111 kg	25 kg	13	CGA 724	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 [Linde Safety Data Sheet Search](#). 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 www.linde.com/electronics for Linde Electronics sales offices information.