



Product Data Sheet

Product:	Halocarbon C318
Name:	Octafluorocyclobutane
Formula:	C ₄ F ₈
Molecular weight:	200.03
Specific volume:	0.12 m ³ /kg @ 21° C 1.85 ft ³ /lb @ 70° F
CAS Registry Number:	115-25-3
UN Number:	UN 1976
DOT Proper Shipping Name:	Octafluorocyclobutane
DOT Classification:	2.2, Nonflammable
DOT Label:	NONFLAMMABLE
Grades:	Custom grades available to 99.999%

Cylinder Information

Cylinder Size**	Valve Connection	Pressure psig@21°C	Content US	Content Metric
44L	DISS 716, CGA 660	25	110 lb	50 kg
17L	DISS 716, CGA 660	25	35 lb	16 kg
7L	DISS 716, CGA 660	25	15 lb	6.8 kg

SCP fills customer owned cylinders. This is a sample of common cylinders sizes.

Applications: Semiconductor; etching of silicon oxides & CVD/PECVD chamber clean, propellant and aerating agent in foamed or sprayed food products, dielectric blend with SF₆, media of polymerization of fluorine-contained polymers.

Additional information: Halocarbon C318 (octafluorocyclobutane) (C₄F₈) is a colorless, nonflammable, nontoxic, odorless gas. Halocarbon C318 is shipped as a liquefied gas under its own vapor pressure (25 psig @ 21°C).

Specialty Chemical Products, Inc.

1407 Pennsylvania St.
South Houston, TX 88587

www.scptexas.com

Tel: (713) 944-0900
Fax: (713) 944-1359