Halocarbon C1418 C_5F_8

Synonyms: Octafluorocyclopentene, Zeorora® ZFL-58

Physical Constants of Gas
Molecular Weight 212.04
Vapor Pressure ..... 11.89 psia at 70°F
Specific Volume ..... Please Inquire
Boiling Point ..... 80.6°F (27°C) 1 atm
Gas Density 70°F 1 atm 10 kg/m3

Cylinder Data
CGA Valve Outlet 660, 716

Shipping Data
Shipping Class 150
DOT Name ..... Toxic, Liquids, Organic, n.o.s.
TC Name ..... Poisonous Liquids (Organic) Octafluorocyclopentene
DOT/TC Class ..... 2.3 (Poisonous Gas)
DOT Label ..... Poison Gas
WHMIS Class AD2B
CAS Registry No. 559-40-0
UN No./IATA No. UN2810

Safety Information
Can cause irritation of respiratory tract, eyes and skin.
May cause frostbite.

Specifications									Recommended Equipment	
			Contents		Pressure		Weight			
Grade	Purity (Minimum)	Size	lbs.	kg	psig	bar	lbs.	kg	Description Model Number	Page
Electronic Grade 1	99.99%	44	110	50	12	0.8	235	107	Two-Stage Regulator	
H_2O < 10 ppm wt	Liquid Phase	16	40	18	12	0.8	105	48	Q1-14C-(**)	275
N_2 < 100 ppmv		7	15	7	12	0.8	37	17	Single-Stage Regulator	
O_2 < 20 ppmv									Q1-213B-(**)	271
Metals*										
Al < 5 ppb										
Ca < 5 ppb										
Cu < 5 ppb										
Fe < 5 ppb										
Mg < 5 ppb										
Na < 5 ppb										
Ni < 5 ppb										
Zi < 5 ppb										

* ppb wt liquid phase.
** Specify CGA. Other cylinder connections are also available – please contact your Air Liquide representative.

Our SCOTT™ gas delivery equipment is guaranteed to preserve the purity and integrity of your gas. See page 261.