

# PURE GASES

## HALOCARBON-14 CF<sub>4</sub> (Tetrafluoromethane)

- See Electronic Gas Section page 82 -

## HALOCARBON-22 CHClF<sub>2</sub> (Chlorodifluoromethane)

**General Characteristics:** A colorless, non-flammable, liquefied and odorless gas. Decomposes at high temperatures to toxic substances.

**Health Hazards:** Narcotic at high concentrations.

GAS GRADE/PURITY SPEC.	CYLINDER SIZE	CONTENTS	EQUIPMENT RECOMMENDATIONS
<b>C.P.</b> Min. Purity 99.9% (Liquid Phase)	<sup>1</sup> DRD <sup>1</sup> DRE LB	22.7 kg 13.6 kg 340 g	Single-stage high purity regulator, refer to page 140  High purity lecture bottle regulator, refer to page 146

### TECHNICAL INFORMATION

Molecular Weight.....	86.47	Dot Name.....	Chlorodifluoromethane
Specific Volume.....	4.4CF/lb	UN No.....	UN1018
Fire Potential.....	Non-flammable	Dot Class.....	2.2
TLV-TWA.....	1000 ppm (ACGIH 1991-1992)	Dot Label.....	Non-flammable Gas
CGA Valve.....	N.A.	Cas Registry.....	75-45-6
LB.....	180	Cylinder Pressure @ 70°F.....	121.4 psig

<sup>1</sup>Size DRD & DRE are non-returnable container with 1/4 inch flare outlet.

## HALOCARBON-23 CHF<sub>3</sub> (Trifluoromethane)

- See Electronic Gas Section page 84 -

## HALOCARBON-41 CH<sub>3</sub>F (Methyl Fluoride)

- See Electronic Gas Section page 86 -

## HALOCARBON-116 C<sub>2</sub>F<sub>6</sub> (Hexafluoroethane)

- See Electronic Gas Section page 87 -