View NSN Online: https://aerobasegroup.com/nsn/6830-00-174-9677

AIRCO INDUSTRIAL GASES -- FREON 22 -- 6830-00-174-9677

Product ID:FREON 22 MSDS Date:03/01/1988

FSC:6830

NIIN:00-174-9677

MSDS Number: BTRTM === Responsible Party ===

Company Name: AIRCO INDUSTRIAL GASES

Address:575 MOUNTAIN AVE

City:MURRAY HILL

State:NJ

ZIP:07974-2006 Country:US

Info Phone Num:201-464-8100

Emergency Phone Num:201-464-8100,800-424-9300(CHEMTREC)

Preparer's Name: NONE

CAGE:6J576

=== Contractor Identification ===

Company Name: BOC GROUP INC THE, BOC GASES DIV

Address:575 MOUNTAIN AVE Box:City:NEW PROVIDENCE

State:NJ

ZIP:07974-1209 Country:US

Phone:908-464-8100

CAGE:6J576

======= Composition/Information on Ingredients ========

Ingred Name: CHLORODIFLUOROMETHANE

CAS:75-45-6

RTECS #:PA6390000 Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9394 Ozone Depleting Chemical:2

=========

========	Hazards	Identification	=======================================

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION OF VAPORS MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, DEATH. SKIN OR EYE CONTACT WITH LIQUID MAY CAUSE IRRITATION. CONTACT WITH RAPIDLY EVAPORATING LIQUID MAY CAUSE FROSTBITE OR CRY OGENIC "BURNS". PRODUCT IS RELATIVELY

NON-TOXIC. IT MAY ACT AS A NARCOTIC AT HIGH CONCENTRATIONS.CHRONIC:NONE SPECIFIED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: LIGHT-HEADEDNESS, GIDDINESS, DISORIENTATION, NAUSEA, VOMITING, NARCOSIS, CARDIAC DYSRYTHMIAS, HYPOTENSION, AND DEATH. SKIN: IRRITATION, FROSTBITE, CRYOGENIC BURNS, BLISTERS. CHANGE IN SKIN COLOR TO GRAY OR WHITE. EYES: IRRITATION, CRYOGENIC BURNS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

 First Aid Measures	

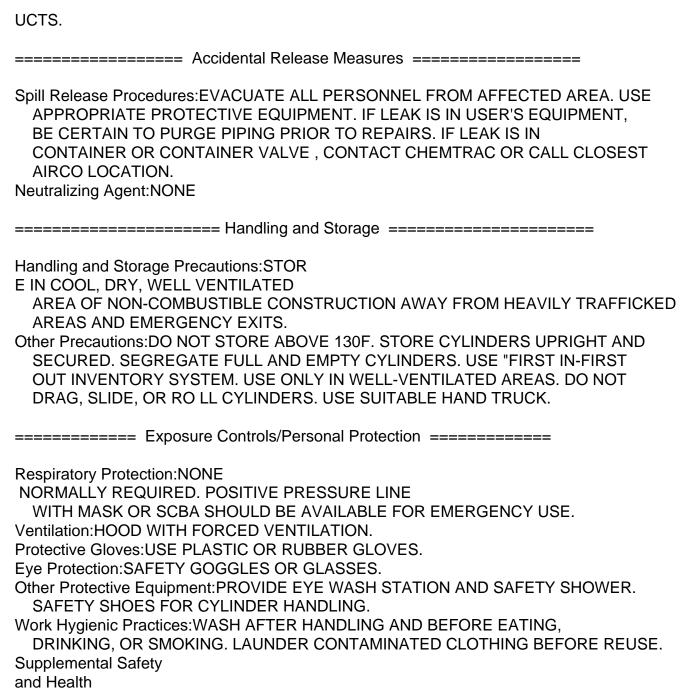
First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF ADVERSE SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH LUKEWARM WATER. DO NOT USE HOT WATER. GET MEDICAL ATTE NTION. INHALATION: MOVE TO FRESH AIR. RESUSCITATE AND/OR GIVE OXYGEN IF NEEDED. GET MEDICAL ATTENTION. FURTHER TREATMENT SHOULD BE SYMPTOMATIC AND SUPPORTIVE. INGESTION: NOT LIKELY ROUTE OF EXPOSURE.

Flash Point:NONE.

Extinguishing Media:NONFLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMPRESSED GAS. MAY EXPLODE IF EXPOSED TO FIRE. IF INVOLVED IN FIRE IT MAY DECOMPOSE YIELDING TOXIC PROD



VALVE PROTECTION CAPS MUST REMAIN IN PLACE UNLESS CONTAINER IS SECURED WITH VALVE OUTLET PIPED TO USE POINT. DO NOT HEAT CYLINDER BY ANY MEANS TO INCREASE THE DISCHARGE RATE OF PRODUCT. USE A CHECK VA LVE OR TRAP IN DISCHARGE LINE TO PREVENT BACK FLOW INTO THE CYLINDER. PROTECT CYLINDERS FROM PHYSICAL DAMAGE.

======== Physical/Chemical Properties ==========

HCC:G3

Boiling Pt:B.P. Text:-41F,-41C

Melt/Freeze Pt:M.P/F.P Text:-256F,-160C

Vapor Pres:12

Stability Indicator/Materials to Avoid:YES

ALKALI AND ALKALINE EARTH METALS: POWDERED ALUMINUM, ZINC, MAGNESIUM, BERYLLIUM, ETC.

Stability Condition to Avoid:OPEN FLAMES AND HIGH 300F TEMPERATURES.
Hazardous Decomposition Products:HYDROGEN FLUORIDE, HYDROGEN CHLORIDE,
A

ND POSSIBLY PHOSGENE.

======= Disposal Considerations ===========

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE TO AIRCO FOR PR OPER DISPOSAL.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.