

GLC-13

MSDS Number

BMQJJ

National Stock Number

6830-00-926-2273

Product Name

GLC-13

Manufacturer

GREAT LAKES CHEMICAL CORP

Product Identification

Product ID:GLC-13
MSDS Date:03/01/1989
FSC:6830
NIIN:00-926-2273
MSDS Number: BMQJJ

Responsible Party

GREAT LAKES CHEMICAL CORPORATION
HIGHWAY 52 NW
WEST LAFAYETTE , IN 47906
US

Emergency Phone: 501-862-5141

Info Phone: 313-492-6100

Preparer: RESEARCH SERVICES DEPT

Cage: GRLCC

Contractor

REFRIGERATION SALES CO INC
LONG ISLAND CITY, NY 11101-2211
US
800-221-0603

Cage: 3A676

Ingredients

CHLOROTRIFLUOROMETHANE

CAS: 75-72-9

RTECS: PA6410000

Fraction By Weight: 100%

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:THE PRODUCT IS A MILD IRRITANT AND
NARCOTIC AT HIGH CONCENTRATIONS. CONTACT WITH RAPIDLY EVAPORATING
LIQUID CAN CAUSE FROSTBITE. VAPORS MAY CAUSE CARDIAC ARRHYTHMIAS.
CHRONIC HEALTH HAZARDS ARE UNKNOWN.
Effects of Overexposure:HIGH CONCENTRATION THAT EXCLUDE ADEQUATE OXYGEN
CAUSE DIZZINESS, DEEP BREATHING, POSSIBLE NAUSEA AND EVENTUAL LOSS
OF CONSCIOUSNESS. CONTACT WITH RAPIDLY EVAPORATING LIQUID CAN CAUSE
FROSTBITE.
Medical Cond Aggravated by Exposure:CARDIAC EFFECTS MAY OCCUR FROM

OVEREXPOSURE. CARDIAC PROBLEMS MAY BE AGGRAVATED BY OVEREXPOSURE.

First Aid

First Aid:INHALE: REMOVE PERSON TO FRESH AIR. UNCONSCIOUS PERSONS SHOULD BE GIVEN MOUTH-TO-MOUTH RESUSCITATION AND SUPPLEMENTAL OXYGEN. FURTHER TREATMENT SHOULD BE SYMPTOMATIC AND SUPPORTIVE. SKIN: REMOVE CONTAMINATED CLOTHING AND FLUSH AFFECTED AREAS WITH LUKEWARM WATER. DO NOT USE HOT WATER. GET MEDICAL ATTENTION IF FROSTBITE OCCURS. NOTE: EPINEPHRINE IS CONTRAINDICATED IN THE TREATMENT OF OVEREXPOSURE.

Fire Fighting

Extinguishing Media:SHUT OFF FLOW OF GAS
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:IF CHLOROTRIFLUOROMETHANE IS INVOLVED IN FIRE, TOXIC HYDROGEN FLUORIDE, OTHER TOXIC FLUORIDES, HYDROGEN CHLORIDE & CHLORINE MAY BE RELEASED.

Accidental Release

Spill Release Procedures:EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT IF NECESSARY TO SHUT-OFF LEAK. VENTILATE AREA. VAPORS ARE HEAVIER THAN AIR.

Handling

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED AREAS. PROTECT CYLINDERS FROM PHYSICAL DAMAGE. STORE UPRIGHT & SECURED TO PREVENT FALLING. STORE IN COOL, VENTED AREA.

Exposure Controls

Respiratory Protection:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IN EMERGENCY SITUATIONS.
Ventilation:LOCAL EXHAUST: PREVENT CONCENTRATIONS FROM LOWERING OXYGEN IN AIR BELOW 18%. MECHANICAL: FOR GENERAL AREA CONTROL.
Protective Gloves:USE LINED NEOPRENE GLOVES
Eye Protection:CHEMICAL SPLASH GOGGLES FOR LIQUIDS
Other Protective Equipment:NONE
Work Hygienic Practices:ENSURE PIPING IS PURGED BEFORE DOING MAINTENANCE WORK.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:-115F,-82C
Melt/Freeze Pt:M.P/F.P Text:-294F,-181C
Vapor Pres:24461
Vapor Density:3.64
Spec Gravity:1.3 @ -22F
Solubility in Water:INSOLUBLE
Appearance and Odor:COLORLESS, PRACTICALLY ODORLESS GAS

Stability

Stability Indicator/Materials to Avoid:YES
SILVER & COPPER ALLOYS MAY ACT AS CATALYSTS FOR DECOMPOSITION. POWDERED ALUMINUM, ZINC, MAGNESIUM.
Stability Condition to Avoid:ALLOYS WITH MORE THAN 2% MAGNESIUM SHOULD NOT BE USED IF WATER IS PRESENT.
Hazardous Decomposition Products:HYDROGEN FLUORIDE/OTHER TOXIC FLUORIDES/HYDROGEN CHLORIDE. CHLORINE MAY BE RELEASED W/EXTREME HEAT (FLAMES, HOT METAL).

Disposal

Waste Disposal Methods:RETURN CYLINDERS TO GREAT LAKES CHEMICAL CORPORATION.

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