

ALLIED CHEMICAL INDUSTRIAL CHEM DIV -- GENETRON 22 CHLORODIFLUOROMETHANE --  
6830-00-935-9896

===== Product Identification =====

Product ID:GENETRON 22 CHLORODIFLUOROMETHANE

MSDS Date:03/01/1982

FSC:6830

NIIN:00-935-9896

MSDS Number: BMTXY

=== Responsible Party ===

Company Name:ALLIED CHEMICAL INDUSTRIAL CHEM DIV

Address:COLUMBIA RD & PARK AVE

Box:1139R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:U

S

Info Phone Num:201-455-2000

Emergency Phone Num:201-455-2000

CAGE:72658

=== Contractor Identification ===

Company Name:ALLIED CHEMICAL INDUSTRIAL CHEM DIV

Address:COLUMBIA RD & PARK AVE

Box:City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Phone:201-455-2145

CAGE:72658

Company Name:REFRIGERATION SALES CO INC

Address:38-18 33RD ST

Box:City:LONG ISLAND CITY

State:NY

ZIP:11101-2211

Country:US

Phone:800-221-0603

CAGE:3A676

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

Ingred N

ame:CHLORODIFLUOROMETHANE  
CAS:75-45-6  
RTECS #:PA6390000  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000PPM; 9192  
Ozone Depleting Chemical:2

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYES/SKIN:MAY CAUSE FROSTBITE.  
INHALATION: BREATHING HIGHER CONCENTRATIONS MAY CAUSE ASPHYXIATION,  
UNCONSCIOUSNESS, NARCOSIS, IRREGULAR HEARTBEAT OR CARDIAC ARREST.  
CHRONIC-NONE.  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS  
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:LIGHTHEADEDNESS, GIDDINESS, LOSS OF  
COORDINATION, SHORTNESS OF BREATH, UNCONSCIOUSNESS & DEATH.  
Medical Cond Aggravated by Exposure:HEART CONDITIONS.

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===== First Aid Measures =====

First Aid:EYE/SKIN:IMMEDIATELY FLUSH WITH  
LUKEWARM WATER FOR 20  
MINUTES. SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR. IF NOT  
BREATHING GIVE CPR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEE  
DOCTOR IMMEDIATELY.

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===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:USE EXTINGUISHING AGENTS APPROPRIATE FOR SOURCE OF  
FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS MUST WEAR SPECIAL PERSONAL  
PROTECTIVE SUITS FOR FIRE/CHEMICAL & POSITIVE PRESSURE SCBA.  
FIREFIGHTERS' TURN  
OUT GEAR IS INADEQUATE.  
Unusual Fire/Explosion Hazard:CYLINDERS EXPOSED TO FIRE MAY RUPTURE  
WITH VIOLENT FORCE. EXTINGUISH SURROUNDING FIRE. COOL CYLINDERS  
WITH WATER SPRAY APPLIED FROM THE MAXIMUM DISTANCE.

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===== Accidental Release Measures =====

Spill Release Procedures:RESTRICT ACCESS TO AREA. WEAR PERSONAL  
PROTECTIVE EQUIPMENT. VENTILATE AREA. ALLOW GAS TO DISSIPATE INTO  
THE ATMOSPHERE.

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===== Handling and Storage =====

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Handling and Storage Precautions:STORE BELOW 120F IN A DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION/HEAT.

Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:NONE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE BATH., INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:DO NOT SMOKE WHILE USING/WORKING WITH THIS MATERIAL.

Supplemental Safety and Health

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

HCC:G3

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

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

Vapor Pres:121.4 PSIG

Vapor Density:3.11

Spec Gravity:1.21

Evaporation Rate & Reference:GAS

Solubility in Water:0.30% BY WEIGHT

Appearance and Odor:COLORLESS, LIQUIFIED GAS, ETHEREAL ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

SODIUM, POTASSIUM, BARIUM, POWDERED MAGNESIUM, POWDERED ALUMINUM AND ORGANOMETALLICS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:HYDROGE

N CHLORIDE, HYDROGEN FLUORIDE,  
CARBONYL FLUORIDE & PHOSGENE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.

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