

MATHESON GAS PRODUCTS INC -- CHLORODIFLUOROMETHANE, FREON 22 -- 6830-00-174-9677

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Product Identification  
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Product ID:CHLORODIFLUOROMETHANE, FREON 22

MSDS Date:09/20/1990

FSC:6830

NIIN:00-174-9677

MSDS Number: BPYDD

=== Responsible Party ===

Company Name:MATHESON GAS PRODUCTS INC

Address:30 SEAVIEW DR

Box:1587

City:SECAUCUS

State:NJ

ZIP:07094-1882

Country:US

Info Phone Num:201-867-4100

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mergency Phone Num:201-867-4100, CHEMTREC 800-424-9300

CAGE:0NPS5

=== Contractor Identification ===

Company Name:MATHESON GAS PRODUCTS INC

Address:30 SEAVIEW DR

Box:1587

City:SECACUS

State:NJ

ZIP:07094-1882

Country:US

Phone:800-424-9300 (CHEMTREC)

CAGE:0NPS5

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Composition/Information on Ingredients  
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Ingred Name:CHLORODIFLUOROMETHANE

CAS:75-45-6

RTECS #:PA6390000

Fraction by Wt: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000PPM; 9192

Ozone Depleting Chemical:2

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==== Hazards Identification =====

LD50 LC50 Mixture:LC50 IS >200,000 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PRODUCT IS NEITHER CORROSIVE NOR AN IRRITANT. AS A LIQUID IT WILL EVAPORATE FAST ENOUGH TO CAUSE FREEZING (FROSTBITE). VAPOR IS HEAVIER THAN AIR AND CAN CAUSE SUFFOCATION BY REDUCING AVAILABLE OXYGEN, OR MAY CAUSE FATAL CARDIAC ARRHYTHMIAS. SNIFFI

NG FLUOROCARBONS FOR THEIR INTOXICATING EFFECT HAS CAUSED HUMAN DEATHS.

Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:BREATHING HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, AND MAY LEAD TO NARCOSIS, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS OR DEATH. LIQUID CAN CAUSE FREEZING OF TISSUES CONTACTED.

Medical Cond Aggravated by Exposure:PEOPLE WITH HEART OR RESPIRATORY DISORDE

RS MAY BE ESPECIALLY SUSCEPTABLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:EYE:FLUSH W/ WATER 15 MIN HOLD LIDS OPEN SEE A DOCTOR.

SKIN:WASH WITH SOAP & WATER. INHAL:REMOVE TO FRESH AIR. RESTORE BREATHING, AS NEEDED. DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS.

INGEST: (HIGHLY U NLIKELY) DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL CARE. IF ANY SYMPTOMS PERSISTS, SEE A DOCTOR.

==== Fire Fig  
hting Measures =====

Flash Point:NON-FLAMMABLE

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE AT FIRE TEMPERATURE. ALSO PRODUCES TOXIC VAPORS AT FIRE TEMPERATURES. UNDER LAB CONDITIONS, FORMS WEAKLY COMBUSTABLE MIXTURES WITH AIR.

==== Accidental Relea

se Measures =====

Spill Release Procedures: VENTILATE AREA. EVACUATE PERSONNEL UNTIL VAPORS ARE DISPERSED. DO NOT SMOKE OR OPERATE INTERNAL COMBUSTION ENGINES IN THE VICINITY OF A SPILL.

Neutralizing Agent: NONE.

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

Handling and Storage Precautions: STORE IN A CLEAN, COOL (