

CURTIN MATHESON SCIENTIFIC INC -- FREON 12 -- 6830-00-602-2357

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Product Identification
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Product ID:FREON 12
MSDS Date:10/18/1985
FSC:6830
NIIN:00-602-2357
MSDS Number: BGWCM
=== Responsible Party ===
Company Name:CURTIN MATHESON SCIENTIFIC INC
Address:1850 GREENLEAF AVE
City:ELK GROVE VILLAGE
State:IL
ZIP:60007-5595
Country:US
Info Phone Num:312-439-5880
Emergency Phone Num:302-774-2421

CAGE:11876
=== Contractor Identification ===
Company Name:CURTIN MATHESON SCIENTIFIC INC
Address:1850 GREENLEAF AVE
Box:City:ELK GROVE VILLAGE
State:IL
ZIP:60007-5595
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Phone:302-774-2421
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Composition/Information on Ingredients
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Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)
CAS:75-71-8
RTECS #:PA8200000
Fraction by Wt: 100%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF
OVEREXPOSURE.

Effects of Overexposure:LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF
BREATH, POSSIBLE NARCOSIS, POSSIBLE CARDIAC ARRHYTHMIAS AT HIGH
CONCENTRATIONS.

Medical Cond Aggravated by Exposure:NONE STATED

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First Aid Measures
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First Aid:INHALE: REMOVE TO FRESH
AIR, CALL A PHYSICIAN, DO NOT GIVE
EPINEPHRINE OR SIMILAR DRUGS; SKIN/EYE:FLUSH WITH WATER, CALL A
PHYSICIAN.

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Fire Fighting Measures
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Extinguishing Media:USE APPROPRIATE MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE STATED

Unusual Fire/Explosion Hazard:NONE STATED

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Accidental Release Measures
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Spill Release Procedures:REMOVE IGNITION SOURCES.EVACUATE
PERSONNEL.VENTILATE.WEAR RESPIRATOR
AND PROTECTIVE CLOTHING.ABSORB
IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.WASH
AREA WITH SOAP AND WATER.

Neutralizing Agent:NONE STATED

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW
FIRE RISK AREA.PROTECT CONTAINER FROM PHYSICAL DAMAGE.DO NOT STORE
ABOVE 120F(49C).

Other Precautions:KEEP AT ROOM TEMPERATURE AS EXPOSURE TO SUNLIGHT MAY
CAUSE BURSTING.

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= Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN IF TLV IS EXCEEDED.

Ventilation:LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:NITRILE,PVA.

Eye Protection:GOGGLES.

Other Protective Equipment:AS REQUIRED TO PREVENT PROLONGED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

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

HCC:G3

Boiling Pt:B.P. Text:-21.6F

Vapor Pres:4893

Vapor Density:6.33

Spec Gravity:1.3

Evaporation Rate & Reference:RAPID

Solubility in Water:.028

Appearance and Odor:COLORLESS LIQUID, SLIGHT ETHEREAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE STATED

Stability Condition to Avoid:OPEN FLAMES OR HIGH TEMPERATURES.

Hazard

ous Decomposition Products:HYDROCHLORIC & HYDROFLUORIC ACID,
POSSIBLE CARBONYL FLUORIDE.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.DO NOT PUNCTURE OR INCINERATE CONTAINER.GIVE TO DISPOSAL SERVICE.DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL ENVIRONMENTAL REGULATIONS.FULL OR PARTIA LLY FILLED CONTAINERS ARE CONSIDERED HAZARDOUS.

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he compiling agencies):

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