

GENERAL MOTORS CORP, GENERAL MOTORS BUILDING -- REFRIGERANT 12 -- 6830-00-935-9895
===== Product Identification =====

Product ID:REFRIGERANT 12

MSDS Date:10/26/1987

FSC:6830

NIIN:00-935-9895

MSDS Number: BMXJR

=== Responsible Party ===

Company Name:GENERAL MOTORS CORP, GENERAL MOTORS BUILDING

Address:3044 GRAND BLVD W

City:DETROIT

State:MI

ZIP:48202-3091

Country:US

Emergency Phone Num:301-258-1535

CAGE:24617

=== Contractor Identification ===

Company Name:GENERAL MOTORS CORP

Address:GENERAL MOTORS BUILDING 3044 GRAND BLVDW

Box:City:DETROIT

State:MI

ZIP:48202-3091

Country:US

Phone:301-258-1535

CAGE:24617

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

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ozo

ne Depleting Chemical:1

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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:NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:DICHLORODIFLUOROMETHANE IS NOT LISTED AS
A CARCINOGEN BY IARC, NTP OR OSHA.
Effects of Overexposure:CONTACT WITH OPEN FLAMES MAY CAUSE
LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, AND FRO
STBITE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INALATION: REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION &
OXYGEN IF BREATHING STOPS. GET MEDICAL ATTENTION, IF NEEDED, FOR
ALL OVEREXPOSURES.

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

Unusual Fire/Explosion Hazard:ON HEATING TO DECOMPOSITION, MAY PRODUCE
HALOGEN ACIDS & PHOSGENE. PRESSURIZED PRODU
CT - NONFLAMMABLE.

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

Spill Release Procedures:VENTILATE AREA, ESPECIALLY LOW PLACES WHERE
VAPORS MIGHT COLLECT. CONTACT WITH HEAT OR HIGH FLAMES SHOULD BE
AVOIDED.

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

Handling and Storage Precautions:STORE IN WELL-VENTILATED DRY AREA
(BELOW 125F). CONTACT WITH FLAME OR HIGH HEAT SHOULD BE AVOIDED.

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===== Exposure Controls/Personal Protection

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Respiratory Protection:USE A SELF-CONTAINED BREATHING APPARATUS IF
NEEDED.

Ventilation:PROVIDE LOCAL EXHAUST TO REDUCE CONCENTRATION.

Protective Gloves:RUBBER GLOVES.

Eye Protection:MONOGOGGLES

Work Hygienic Practices:DO NOT SMOKE IN AREA WHILE PRODUCT IS IN USE.

Supplemental Safety and Health
NONE

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

HCC:G3

Boiling Pt:B.P. Text:-22F,-30C

Melt/Freeze Pt:M.P/F.P Text:-158F,-106C

Vapor Pres:20

Spec Gravity:1.32

6

Solubility in Water:0

Appearance and Odor:COLORLESS, LIQUIDIFIED COMPRESSED GAS. FAINT ETERAL
ODOR.

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

Stability Indicator/Materials to Avoid:YES

NOT PROVIDED

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:NOT PROVIDED

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

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

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