

RACON INCORPORATED -- REFRIGERANT 12 -- 6830-00-531-8102

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

Product ID:REFRIGERANT 12

MSDS Date:04/07/1989

FSC:6830

NIIN:00-531-8102

MSDS Number: BNTHD

=== Responsible Party ===

Company Name:RACON INCORPORATED

Address:6040 S RIDGE RD

Box:198

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone Num:800-835-2916/316-524-3245

Emergency Phone Num:415-821-5338

CAGE:K00

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=== Contractor Identification ===

Company Name:ELF ATOCHEM NORTH AMERICA (FORMERLY RACON INC)

Address:6040 S RIDGE RD

Box:198

City:WICHITA

State:KS

ZIP:67201

Country:US

Phone:CALL COLLECT 415-821-5338

CAGE:2A580

Company Name:RACON INCORPORATED

Address:6040 S RIDGE RD

Box:198

City:WICHITA

State:KS

ZIP:67201

Country:US

Phone:800-835-2916/316-524-3245

CAGE:K0001

Company Name:REFRIGERATION SALES CO INC

Address:38-18 33RD ST

Box:City:LONG ISLAND CITY

State:NY

ZIP:11101-2211

Country:US

Phone:800-22

1-0603
CAGE:3A676

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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%
Other REC Limits:STEL: 1250 PPM (VOL)
ACGIH TLV:1000 PPM;VOL 8HR TWA
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

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Hazards Identification
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LD50 LC50 Mixture:LC50:620,000PPM/3HR/MICE-800,000PPM/RAT*
Routes of Entry: Inhalation:YES Skin:YES I
ngestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHAL: CARDIOVASCULAR &
RESPIRATORY SYSTEMS MAY BE AFFECTED. GENERALIZED TINGLING
SENSATION, HUMMING IN EARS, APPREHENSION, SLURRED SPEECH, DECREASE
IN CONSCIOUSNESS W/AMNESIA, IRREG HEART BEAT , EYE IRRIT, CENTRAL
NERVOUS SYSTEM EFFECTS. SKIN: IRRIT. EYE: IRRIT. INGEST: FREEZING &
FROSTBITE OF TISSUE. **
Explanation of Carcinogenicity:N/K *30 MIN.
Effects of Overexposure
:**CHRONIC: INHALATION: VAPOR CAN BE FATAL.
CENTRAL NERVOUS SYSTEM DEPRESSION, SEDATION, LOSS OF COORDINATION,
MILD DEPRESSION. INGESTION: SLIGHT EFFECTS ON LIVER.
Medical Cond Aggravated by Exposure:POSSIBLY INDIVIDUALS WITH HEART OR
RESPIRATORY DISORDERS MAY BE ESPECIALLY SUSCEPTIBLE.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. KEEP WARM & AT REST. IF
LABORED BREATHING--GIVE OXYGEN. IF NOT BREATHING--START AR
TIFICIAL
RESPIRATION. IF NO PULSE--START CPR. DON'T GIVE STIMULANTS. GET
MEDICAL AID. KEEP AT REST FOR 24 HRS. EYES/SKIN: FLUSH WITH WATER
OR SALINE SOLUTION--20 MINUTES. GET MEDICAL AID. INGESTION: KEEP
PATIENT CALM. GET MEDICAL AID. WARM SKIN SLOWLY.

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Fire Fighting Measures
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Flash Point:NONE
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

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Accidental Release Measures
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Spill R

Release Procedures: KEEP UPWIND. VENTILATE ENCLOSED SPACES UNTIL GAS IS DISPERSED. DO NOT SMOKE OR OPERATE INTERNAL COMBUSTION ENGINES IN IMMEDIATE VICINITY. REPORT SPILL TO NATIONAL RESPONSE CENTER, 1-800-424-8802 IF 5,000 LBS OR MORE

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

Handling and Storage Precautions: STORE AND USE WITH ADEQUATE VENTILATION. NEVER USE IN A CLOSED OR CONFINED SPACE. STORE IN COOL PLACE (