

RACON INCORPORATED -- REFRIGERANT 12 -- 6830-00-106-1656

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

Product ID:REFRIGERANT 12

MSDS Date:04/07/1989

FSC:6830

NIIN:00-106-1656

MSDS Number: BNSXH

=== 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:KO00

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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:KO001

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 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

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

LD50 LC50 Mixture:LC50:620,000PPM/3HR/MICE-800,000PPM/RAT  
Routes of Entry: Inhalation:YES Skin:YES Ingestion: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 & RESPIRATORY DISORDERS MAY BE ESPECIALLY SUSCEPTABLE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. KEEP WARM & AT REST. IF LABORED BREATHING--GIVE OXYGEN. IF NOT BREATHING--START ARTIFICIAL 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.

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

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

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

Spill Release Pr

cedures: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 (