

RACON INC. -- RACON 12 -- 6830-00-290-4377

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

Product ID:RACON 12

MSDS Date:04/07/1989

FSC:6830

NIIN:00-290-4377

MSDS Number: BHGDQ

=== Responsible Party ===

Company Name:RACON INC.

Address:6040 SOUTH RIDGE ROAD

Box:198

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone Num:316-524-3245

Emergency Phone Num:415-821-5338 (MEDICAL)

CAGE:EO152

=== 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 INC.

Address:6040 SOUTH RIDGE ROAD

Box:198

City:WICHITA

State:KS

ZIP:67201

Country:US

Phone:316-524-3245

CAGE:EO152

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

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 100%

OSHA P

EL:1000 PPM  
ACGIH TLV:1000 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:LC50 IS >500,000 PPM  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
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. SNIFFING FLUOROCARBONS FOR THEIR INTOXICATING EFFECT HAS CAUSED HUMAN DEATHS.  
Explanation of Carcinogenicity:CFC 502 IS 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 DISORDERS 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. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING, AS NEEDED. DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS.  
INGESTED:(HIGHLY UNLIKELY) DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL CARE. IF ANY IRRITATION PERSISTS,OR IS SEVERE,SEE A DOCTOR.

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

Flash Point:NON-FLAMMABLE  
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 TEMPERATURE.

URES.

===== Accidental Release 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 (