

RACON INC. -- RACON 502 -- 6830-00-144-9952

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Product Identification
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Product ID:RACON 502

MSDS Date:04/07/1989

FSC:6830

NIIN:00-144-9952

MSDS Number: BHGDK

=== 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 Ident

ification ===

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

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Composition/Information on Ingredients
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Ingred Name:CHLORODIFLUOROMETHANE

CAS:75-45-6

RTECS #:PA6390000

Fraction by Wt: 48.8%

OSHA PEL:1000 PP

M
ACGIH TLV:1000PPM; 9192
Ozone Depleting Chemical:2

Ingred Name:CHLOROPENTAFLUOROETHANE (SARA III)
CAS:76-15-3
RTECS #:KH7877500
Fraction by Wt: 51.2%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
Ozone Depleting Chemical:1

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

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
BREATHI
NG, AS NEEDED. DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS.
INGESTED:(HIGH LY 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 MA

Y RUPTURE AT FIRE
TEMPERATURE.

===== 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, DRY AND WELL-VENTILATED AREA OF LOW FIRE RISK. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:APPLY ALL SAFETY PRECAUTIONS TO EMPTY CONTAINERS AS THEY MAY CONTAIN PRODUCT RESIDUES/VAPORS/PRESSURE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED FOR ADEQUATELY VENTED WORK STATIONS. FOR ACCIDENTAL OR NON-VENTILATED SITUATIONS, USE A SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED-AIR RESPIRATOR, APPROVED BY NIOSH/MSHA.

Ventilation:PROVIDE LOCAL EXHAUST AT FILLING ZONES AND OTHER OPERATING

SPACES WHERE LEAKAGE IS PROBABLE. MECHANICAL FOR OTHER.

Protective Gloves:BUTYL RUBBER, PVA OR NEOPRENE

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:USE IMPERVIOUS CLOTHING IF THERE IS DANGER OF CONTACT WITH LIQUID.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID CONTACT. REMOVE AND WASH CLOTHING PROMPTLY UPON CONTAMINATION.

Supplemental Safety and Health

PRODUCT IS AN AZEOTROPIC MIXTURE OF THE TWO INGREDIENTS.

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

HCC:G3

Boiling Pt:B.P. Text:-50F,-46C

Vapor Pres:152.7 PSIG

Vapor Density:3.81

Spec Gravity:1.25

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID OR VAPOR, SLIGHT ETHEREAL TO ODORLESS

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI AND ALKALINE EARTH METALS AND FINELY DIVIDED REACTIVE METALS.

Stability Conditio

n to Avoid:HEAT SUCH AS FLAMES OR HOT METAL SURFACES.

Hazardous Decomposition Products:DECOMPOSED BY HIGH TEMPERATURES (OPEN FLAMES, GLOWING METAL SURFACES, ETC.) FORMING HYDROCHLORIC AND HYDROFLUORIC ACIDS.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

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