View NSN Online: https://aerobasegroup.de/nsn/6830-00-137-7970

RACON INCORPORATED -- REFRIGERANT 502 -- 6830-00-137-7970

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

Product ID:REFRIGERANT 502

MSDS Date:04/07/1989

FSC:6830

NIIN:00-137-7970

MSDS Number: BNSYC === 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:KO

001

=== 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:800-2 21-0603 CAGE:3A676

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

Ingred Name: CHLORODIFLUOROMETHANE (HFA-22)

CAS:75-45-6

RTECS #:PA6390000 Fraction by Wt: 48.8%

Other REC Limits:STEL: 1250 PPM (VOL) ACGIH TLV:1000 PPM(VOL)8HR TWA

Ozone Depleting Chemical:2

Ingred Name:CHLOROPENTAFLUOROETHANE (CFC-115) (SARA III)

CAS:76-15-3

RTECS #:KH7877500 Fraction by Wt: 51.2%

Other REC Limits:NONE SPECIFIED ACGIH TLV:1000 PPM(VOL)8HR TWA

Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:LC50(RAT)277,000--390,000PPM(15 MIN-2HR)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Health Hazards Acute and Chronic:ACUTE: INHAL: VERY HIGH

CONC--NARCOSIS, ASPHYXIATION, DEATH & CARDIAC ARRHYTHMIAS. ABUSE (SNIFFING) HAS CAUSED DEATH. INGESTION: FREEZING/SEVERE FROSTBITE W/CONTACTED TISSUE. SKIN/EYES: LOCAL IRRITATI ON. CONTACT WITH LIQUID--FROSTBITE/FREEZING. CHRONIC: INHALATION: ANIMAL--BODY

## WEIGHT CHANGES, PHYSIOLOGICAL ENDURANCE

Effects of Overexposure:LIGHTHEADEDNESS & HEART PALPITATIONS. & AFFECTS LUNGS, CENTRAL NERVOUS SYSTEM, HEART, LIVER, KIDNEYS & SPLEEN. UNDER CERTAIN CONDITIONS, ANIMAL INDICATED INCREASED BLOOD PRESSURE, FASTER HEART RATE & BREATHING CHANGES. RAT FETUSES EXPOSED SHOWED INCREASED INCIDENCES OF ABSENCE OF EYES.

Medical Cond Aggravated by Exposure:PERSONS WITH HEART OR RESPIRATORY DISORDERS MAY BE SUSCEPTABLE TO ASPHYXIATION & CARDIAC ARR

HYTHMIAS.
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First Aid:INHALATION: REMOVE TO FRESH AIR. KEEP WARM & AT REST. LABORED BREATHINGGIVE OXYGEN. NO BREATH, START ARTIF RESPIRATION. NO PULSE, START CPR. DON'T GIVE ADRENALINE/EPINEPHRINE/HAND- HELD ASTHMA AEROS OLS. CALL DR. REST 24 HRS. EYES: VAPOR:FLUSH W/WATER FOR 20 MIN. LIQUID: FLUSH SKIN/EYES 15 MIN W/WTR/SALINE. STILL IRRIT, CALL DR. INGEST: FROSTBITE: WARM SKIN SLOWLY. GET TO DR IMMED IATELY.
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Flash Point:NONE. Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS. IF CFC-502 CONTACTS OPEN FLAMES OR EXTREMELY HOT METAL SURFACES, MAY DECOMPOSEHF, HCL & TRACES OF CARBONYL HALIDES.
========= Accidental Release Measures ==========
Spill Release Procedures:IN THE EVENT OF A SPILL OR LEAK KEEP UPWIND. VENTILATE ENCLOSED SPACES UNTIL GAS IS DISPERSED. DO NOT SMOKE OR
OPERATE INTERNAL COMBUSTION ENGINES IN IMMEDIATE VICINITY.
=========== Handling and Storage ============
Handling and Storage Precautions:STORE AND USE WITH ADEQUATE VENTILATION. NEVER IN A CLOSED/CONFINED SPACE. STORE IN A COOL PLACE (