View NSN Online: https://aerobasegroup.ae/nsn/6830-00-935-9896

ELF ATOCHEM NORTH AMERICA INC FINE CHEMICALS -- 04022-004 FORANE 22

6830-00-935-9896

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

Product ID:04022-004 FORANE 22

MSDS Date:02/13/1996

FSC:6830

NIIN:00-935-9896

MSDS Number: BRSTW === Responsible Party ===

Company Name: ELF ATOCHEM NORTH AMERICA INC FINE CHEMICALS

Address:2000 MARKET STREET

City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Info Phone Num:8

00-558-5575 FAX 215-419-7413

Emergency Phone Num:800-558-5575 716-877-1740

Preparer's Name: PRODUCT SAFETY

CAGE:86460

=== Contractor Identification ===

Company Name: ATOCHEM NORTH AMERICA INC

Address:3 PARKWAY RM 910

Box:City:PHILADELPHIA

State:PA ZIP:19102 Country:US

Phone:215-587-7197

CAGE:0N628

Company Name: ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222 Country:US

Phone:800-245-5858

CAGE:86460

Company Name: REFRIGERATION SALES CO INC

Addr

ess: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: CHLORODIFLUOROMETHANE (SARA 313) (CERCLA)

CAS:75-45-6

RTECS #:PA6390000 Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9596 Ozone Depleting Chemical:2

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

LD50 LC50 Mixture:TLV= 1000 PPM (3450 MG

/M3)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: ACUTE: INHALATION OF HIGH

CONCENTRATIONS IN ENCLOSED OR CONFINED AREAS MAY CAUSE RESPIRATORY

DEPRESSION, ASPHYXIA DUE TO OXYGEN DISPLACEMENT; INCREASES

SENSITIVITY TO ADRENALIN. CONTACT WITH EYES MAY CAUSE IRRITATION.

SKIN CONTACT WITH LIQUID MAY CAUSE FROSTBITE. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenic

ity:NO INGREDIENT OF A CONCENTRATION OF 0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED-DROWSINESS, UNCONSCIOUSNESS, RESPIRATORY DEPRESSION, DEATH; RAPID HEARTBEAT (TACHYCARDIA), IRREGULAR HEARTBEAT (CARDIAC ARRYTHMIAS), AND DEPRESSED CARDIAC FUNCTION. EYES- IRRITATION, FROZEN EY E TISSUE. SKIN-FROZEN SKIN TISSUE/FROSTBITE.

Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING HEART DISEASE MAY BE AT INCREASED RISK

======================================
First Aid:SKIN-FLUSH SKIN WITH WARM WATER. GET MEDICAL ATTENTION IF FROSTBITTEN OR IF SYMPTOMS OCCUR. EYES-FLUSH WITH LOTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INHALED-REMOVE TO FRESH AIR. G IVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION.
======================================
Flash Point :NON-FLAMMABLE Autoignition Temp:Autoignition Temp Text:1170F Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE. Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. THOROUGHLY DECONTAMINATE FIREFIGHTERS GEAR AFTER USE. Unusual Fire/Explosion Hazard:MAY DECOMPOSE DURING CONTACT W/FLAMES, HEATING ELEMENTS OR IN COMBUSTION ENGINES RELEASING IRRITATING,TOXIC & CORROSIVE GASES.CONTAINER MAY EXPLODE IF HEATED.
========= Acc
idental Release Measures ==========
Spill Release Procedures:KEEP UPWIND. EVACUATE ENCLOSED SPACE. ELIMINATE ALL SOURCES OF IGNITION. STOP LEAK IF FEASIBLE. DISPERSE GAS WITH FLOOR-LEVEL FORCED VENTILATION; EXHAUST GAS OUTDOORS. WASH CONTAMINATED CLOTHES BEFORE REUSE. DESTROY CONTAMINATED SHOES. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.
========== Handling and Storage ===========
Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CO NTAINERS. KEEP CONTAINER CLOSED. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUES. Other Precautions:DO NOT DROP, REUSE OR REFILL CONTAINER. DO NOT SMOKE. READ LABEL BEFORE USE. DO NOT CUT, GRIND, OR WELD ON OR NEAR CONTAINER DUE TO POSSIBLE FUME GENERATION.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH

FROM EXPOSURE.

APPROVED AIR-SUPPLIED

RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURE R'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:LINED SYNTHETIC RUBBER.

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECT ALL EXPOSED SKIN FROM CONTACT WITH LIQUID.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKIN

G. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NONE

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

HCC:G3

Boiling Pt:B.P. Text:-41F,-41C

Melt/Freeze Pt:M.P/F.P Text:-256F,-160C

Vapor Pres:7031 MM HG

Vapor Density:2.98 Spec Gravity:1.17

Evaporation Rate & Amp; Reference: NONE SPECIFIED BY MFR.

Solubility in Water:SLIGHT

Appearance and Odor: COLORLESS, LIQUIFIED GAS; FAINT ETHEREAL ODOR.

Percent Volatiles by Volume:100

====== Stabilit

y and Reactivity Data ========

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIS, ALKALIE EARTH METALS, FINELY POWDERED METALS AND STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:THERMAL DECOMPOSITION.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS INCLUDE HYDROGEN FLUORIDE, HYDROGEN CHLORIDE, CARBON MONOXIDE, CARBON DIOXIDE, CHLORINE.

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

Waste Disposal Methods: RECYCLE OR RECL

AIM IF POSSSIBLE. RECLAIMED

MATERIAL MAY BE INCINERATED BUT TOXIC AND CORROSIVE COMBUSTION PRODCUTS (HF & HCL) MUST BE HANDLED APPROPRIATELY. CONSULT LOCAL, STATE AND FEDERAL AUTHORITIE S FOR PROPER DISPOSAL PROCEDURES.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be ac curate and

disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.