View NSN Online: https://aerobasegroup.com/nsn/3439-00-145-9132

SUPERIOR FLUX AND MFG CO -- SOFT SOLDER,75 -- 3439-00-145-9132
========== Product Identification ==========

Product ID:SOFT SOLDER,75
MSDS Date:05/20/1986
FSC:3439
NIIN:00-145-9132
MSDS Number: BDCJD
=== Responsible Party ===
Company Name:SUPERIOR FLUX AND MFG CO
Address:95 ALPHA PARK
City:CLEVELAND
State:OH
ZIP:44143
Country:US
Info Phone Num:216-461-3315
Emergency Phone Num:216-461-3315
Preparer's Name:U
NKNOWN.
CAGE:87618
=== Contractor Identification ===
Company Name:SUPERIOR FLUX AND MFG CO
Address:6615 PARKLAND BLVD
City:SOLON (FORMALLY CLEVELAND)
State:OH
ZIP:44139
Country:US
Phone:440-349-3000
CAGE:87618

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

Ingred Name:ZINC CHLORIDE (SARA III)
CAS:7646-85-7
RTECS #:ZH1400000
Fraction by Wt: 30 - 45%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1MG/M3/2STEL(FUME)94
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:AMMONIUM CHLORIDE (SARA III)
CAS:12125-02-9
RTECS #:BP4550000
Fraction by Wt: 4 - 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3 FUME; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)
CAS:7647-01-0
RTECS #:MW4025000
Fraction by Wt: 3 - 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 5 PPM
ACGIH TLV:C 5 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS
#:ZC0110000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
& GI TRACTS. ACUTE- CORROSIVE. ZINC CHLORIDE CAN BURN
GASTROINTESTINAL TRACT IF INGESTED. MAY CAUSE BURNS IF EYE CONTACT

OCCURS. MAY CAUSE EYE AND SKIN DAMGE. CAN CAUSE SKIN IRRITATION.
CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL
TRACTS IRRITATION, EYE BURNS, PULMONARY EDEMA, ABDOMINAL PAIN,
VOMITING, NAUSEA
Medical Cond Aggravated by Exposure:UNKNOWN.

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

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH
WATER FOR 15 MINUTES. HOLD E

YELIDS OPEN. SEE A DOCTOR.
SKIN:IMMEDIATELY WASH WITH PLENTY OF WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CP R/OXYGEN IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER OR MILK. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
F
ire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:WILL RELEASE HYDROCHLORIC ACID FUMES UPON DECOMPOSITION.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. NEUTRALIZE WITH SODA ASH OR SODIUM BICARBONATE. VENTILATE AREA. TRANSFER TO PROPER CONTAINER FOR LATER DISPOSAL. WASH SPILL SITE WITH WATER.
Neutralizing Agent:SODIUM BICA
RBONATE, SODA ASH

========== Handling and Storage ==========

Handling and Storage Precautions:KEEP AWAY FROM HEAT AND STORE ONLY IN PLASTIC OR GLASS CONTAINERDS.
Other Precautions:WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE FUMES. WASH CLOTHING BEFORE RE-USE.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION

CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION.
Protective Gloves:RUBBER OR LATEX
Eye Protection:CHEMICAL SAFETY GOGGLES
Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, UNIFORM
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health

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

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HCC:C1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:215F,102C
Melt/Freeze Pt:M.P/F.P Text:UNKNOWN.
Vapor Pres:UNKNOWN.
Vapor Density:UNKNOWN.
Spec Gravity:1.3
Evaporation Rate & Reference:0.6 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:TRANSPARENT LIQUID
Percent Volatiles by Volume:64

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

Stability Indicator/Materials to Avoid:YES
ALKALIES, METALS, OXIDIZING OR REDUCING MATERIALS, CY
ANIDES OR
COMBUSTIBLE MATERIALS
Stability Condition to Avoid:EXCESSIVE HEAT AND COLD
Hazardous Decomposition Products:HYDROCHLORIC ACID, ZINC CHLORIDE
FUMES, ZINC OXIDE AND AMMONIA

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS. NATIONAL RESPONSE CENTER # (800) 424-8802.

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