

SUPERIOR FLUX AND MFG CO -- SUPERIOR NO. 30; SUPERIOR SUPERSAFE NO. 30 --
3439-01-182-7349

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

Product ID: SUPERIOR NO. 30; SUPERIOR SUPERSAFE NO. 30

MSDS Date: 02/14/1995

FSC: 3439

NIIN: 01-182-7349

MSDS Number: CDYHL

=== Responsible Party ===

Company Name: SUPERIOR FLUX AND MFG CO

Address: 95 ALPHA PARK

City: CLEVELAND

State: OH

ZIP: 44143-2201

Country: US

Info Phone Num: 21

6-461-3315

Emergency Phone Num: 800-424-9300 (CHEMTREC)

Preparer's Name: DR. Y. BASH (?)

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: GLUTAMIC ACID HYDROCHORIDE (NON-HAZ)

CAS: 15767-75-6

Fraction by Wt: 5-10%

Other REC Limits: NONE RECOMMENDED

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= Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:REDDENING OF EYE/SKIN,ACID
STOMACH IF INGESTED.CHRONIC:NO SPECIFIC INFORMATION AVAILABLE.

Explanation of Carcinogenicity:PER MSDS:HCEM LISTED AS CARCINOGEN/POT
CARCINOGEN:NO. OSHA/NTP/IARC:NO.

Effects of Overexposure:REDDEING OF EYE/SKIN, ACID
STOAMCH IF INGESTED.

Medical Cond Aggravated by Exposure:NONE PRESENTLY KNOWN.

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

First Aid:INHAL:REMOVE VICTIM TO FRESH AIR.EYE:FLUSH W/WAER FOR
10MINS.CALL PHYSICIAN.SKIN:WASH THOROUGHLY W/WATER.INGEST:DRINK
WATER O MILK AND CONTACT PHYSICIAN.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NA

Upper Limits:NA

Extinguishi

ng Media:NOT NEEDED. HMIS:USE APPROPRIATE FIRE EXTINGUISHING
MEDIA FOR SURROUNDING FIRE/MATLS.

Fire Fighting Procedures:NORMAL CAUTION WHEN DEALING WITH CHEMICALS.

Unusual Fire/Explosion Hazard:WILL RELEASE SMALL AMTS OF HYDROCHLORIC
ACID UPON DEOCMPOSITION.

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

Spill Release Procedures:FIRST NEUTRALIZE W/SODA ASH OR SODIUM
BICARBONATE,DILUTE W/WATER & DISPOSE IAW LOCAL/STATE EPA REG & WASH
W/PLENTY OF WATER.

Neutr

alizing Agent:SODA ASH OR SODIUM BICARBONATE.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT TO PROTECT
PLASTIC CONTAINERS.

Other Precautions:NONE.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR.

Ventilation:VENTILATION:YES. LOCAL EXHAUST/MECHANICAL (GENERAL):YES.

Protective Gloves:RECOMMENDED, NIOSH APPROVED.

Eye Protection:SAFETY GLASSES/GOGGL

ES.

Other Protective Equipment:OPTIONAL TO USERS PREFERENCE.

Work Hygienic Practices:SAFE,PRECAUTIONARY USE TO PREVENT SPILLS & EXPOSURE TO SKIN/FUMES.

Supplemental Safety and Health

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

HCC:C3

Boiling Pt:B.P. Text:220F,104C

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.04

pH:NP

Viscosity:NP

Evaporation Rate & Reference:0.9, BUTYL ACETATE=1

Solubility in Water:UNLI

MITED

Appearance and Odor:BLUE, TRANSPARENT LIQUID, LEMON ODOR

Percent Volatiles by Volume:85

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

METALS, OXIDIZING MATERIALS.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:SMALL AMOUNTS OF HYDROCHLORIC ACID.

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

Waste Disposal Methods:FIRST NEUTRALIZE W/SODA AS OR SODIUM BICARBONA

TE,DILUTE W/WATER & DISPOSE IAW LOC/SATE EPA REGULATIONS.

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