

SUPERIOR FLUX AND MFG CO -- ANTI-BORAX BRAZING FLUX NO. 14 -- 3439-00-255-4576

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Product Identification
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Product ID:ANTI-BORAX BRAZING FLUX NO. 14

MSDS Date:03/08/1990

FSC:3439

NIIN:00-255-4576

MSDS Number: BJNKK

=== 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:216-461-3315

Emergency Pho

ne Num:216-461-3315

Preparer's Name:BRUCE B. HOWATH

CAGE:87618

=== Contractor Identification ===

Company Name:SUPERIOR FLUX AND MFG CO

Address:6615 PARKLAND BLVD

City:SOLOM (FORMALLY CLEVELAND)

State:OH

ZIP:44139

Country:US

Phone:440-349-3000

CAGE:87618

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Composition/Information on Ingredients
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Ingred Name:BORIC ACID

CAS:10043-35-3

RTECS #:ED4550000

Fraction by Wt: 50-80%

Other REC Limits:NONE SPECIFIED

Ingred Name:LITHIUM FLUORIDE

CAS:7789-24-4

Fraction by Wt: 5-20

%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2.5 MG/M3
ACGIH TLV:2.5 MG/M3

Ingred Name:POTASSIUM CHLORIDE
CAS:7447-40-7
RTECS #:TS8050000
Fraction by Wt: 2-25% %
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM CHLORIDE
CAS:7647-14-5
RTECS #:VZ4725000
Fraction by Wt: 5-20% %
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NOT PROVIDED BY MANUFACTURER
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carc
inogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:GASTROINTESTINAL DISTURBANCES,
HARDENING OF BONES AND LIGAMENTS.
Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY
CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:NAUSEA, VOMITING, RASH, STIFFNESS RESULTING
FROM HARDENING OF BONES AND LIGAMENTS.
Medical Cond Aggravated by Exposure:KIDNEY, LIVER DISEASE AND NERVE
DISORDERS

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===== First Aid Measure

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First Aid:IN CASE OF INHALATION, REMOVE TO FRESH AIR. IN CASE OF EYE
CONTACT, FLUSH THOROUGHLY WITH WATER. IF IRRITATION PERSISTS, SEE
DOCTOR. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER. IN CASE
OF INGESTION, INDUCE VOMITING.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL AS REQUIRED FOR SURROUNDING MATERIAL.
Fire Fighting Procedures:FIRE FIGHTERS S

HOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:NORMAL CAUTION WHEN DEALING WITH FLUX
CHEMICALS.

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

Spill Release Procedures:SWEEP INTO CONTAINER AND DISPOSE OF PROPERLY.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:AVOID RAISING OR BREATHING DUST.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR DUST.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION
RECOMMENDED BY MANUFACTURER.
Protective Gloves:RECOMMENDED
Eye Protection:RECOMMENDED
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER
Work Hygienic Practices:USE WITH ADEQUATE VEN
TILATION.
Supplemental Safety and Health
NONE SPSECIFIED BY MANUFACTURER.

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

HCC:N1
NRC/State Lic Num:NONE
Melt/Freeze Pt:M.P/F.P Text:>1000F
Spec Gravity:APPROX 2
Solubility in Water:APPRECIABLE
Appearance and Odor:WHITE, ODORLESS POWDER

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazar

dous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL EPA REGULATIONS.

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