

SUPERIOR FLUX & MFG -- SUPERIOR NO. 11; FLUX, WELDING -- 3439-00-255-4580

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Product Identification
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Product ID: SUPERIOR NO. 11; FLUX, WELDING

MSDS Date: 01/01/1987

FSC: 3439

NIIN: 00-255-4580

MSDS Number: BDPDV

=== Responsible Party ===

Company Name: SUPERIOR FLUX & MFG

Address: 95 ALPHA PARK

City: CLEVELAND

State: OH

ZIP: 44143-2201

Country: US

Info Phone Num: 216-461-3315

Emergency Phone Num: 216

-461-3315

CAGE: HO114

=== Contractor Identification ===

Company Name: A-1 CONSOLIDATED INC

Address: COEUR D ALENE INDUSTRIAL PARK

Box: City: COEUR D ALENE

State: ID

ZIP: 83814-8937

Country: US

Phone: 208-765-3280

CAGE: 2P655

Company Name: SUPERIOR FLUX & MFG. CO.

CAGE: HO114

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

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Composition/Information on Ingredients
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Ingred N

ame:SODIUM NITRATE
CAS:7631-99-4
RTECS #:WC5600000
Fraction by Wt: 30-60%
Other REC Limits:NONE DETERMINED
OSHA PEL:10MG/CUM (DUST,TOTAL
ACGIH TLV:10MG/CUM (DUST,TOTAL

Ingred Name:SODA ASH,SODIUM CARBONATE
CAS:497-19-8
RTECS #:VZ4050000
Fraction by Wt: 15-30%
Other REC Limits:NONE DETERMINED
OSHA PEL:10 MG/CUM,TOTAL DUST
ACGIH TLV:10 MG/CUM,TOTAL DUST

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE
CAS:1303-96-4
RTECS #:VZ2275000
Fraction by Wt: 15-30%
Other REC Limits:NONE DETERMINED
OSHA PEL:10
MG/M3
ACGIH TLV:5 MG/M3; 9192

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Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:INGESTION: LARGE AMOUNTS TAKEM ORALLY
MAY HAVE SERIOUS OR EVEN FATAL EFFECTS. INHALATION: IRRITATION.
Explanation of Carcinogenicity:MANUFACTURER DOES NOT LIST MATERIAL AS A
CARCINOGEN.
Effects of Overexposure:EYES/SKIN: BURNS.
Medical Cond Aggravated by Exposure:NONE NOTED.

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First Aid Measures =====

First Aid:EXTERNAL: WASH WITH WATER WHEN EXPOSED TO EYES OR SKIN.
INTERNAL: DRINK SEVERAL GLASSES OF WATER OR MILK & CALL A
PHYSICIAN.

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Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING. FIRE MAY PRODUCE IRRITATING & POISONOUS GASES.
Unusual Fire/E

Explosion Hazard: MODERATE, WHEN MIXED WITH ORGANIC MATTER
WILL IGNITE ON FRICTION. EXPLODES WHEN MIXED WITH CYANIDES.

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

Spill Release Procedures: DO NOT TOUCH SPILLED MATERIAL. KEEP
COMBUSTIBLES (WOOD, PAPER, OIL) AWAY FROM SPILLED MATERIAL. IF DRY
SHOVEL INTO CLEAN, DRY CONTAINER & COVER. IF WET TAKE UP WITH
NON-COMBUSTIBLE ABSORBENT (SAND, EARTH) & PLACE IN APPROPRIATE
DISPOSAL CONTAINER.

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=== Handling and Storage =====

Handling and Storage Precautions: KEEP AWAY FROM EXTREME HEAT.
Other Precautions: STORE IN DRY COOL AREA. WATER OR MOISTURE WILL REDUCE
SHELF LIFE.

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

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST IF
ABOVE PEL/TLV.

Ventilation: LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves: AS REQUIRED.

Eye Protection: SAFETY GLASSES OR GOGGLES

Other Protective Equip

ment: PROTECTIVE CLOTHING; EYE-WASH FACILITIES.

Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN; DO NOT
BREATHE DUST; AVOID MOISTURE, WILL REDUCE SHELF LIFE.

Supplemental Safety and Health

MIL-F-16136B WAS CANCELLED WITHOUT REPLACEMENT IN 1981.

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

HCC: D1

Boiling Pt: B.P. Text: DECOMPOSES

Spec Gravity: 2.15

Evaporation Rate & Reference: NEGLIGIBLE

Solubility in Water: VERY SOLUBLE

Appearance and Odor: WHITE HYGROSCOPIC P

OWDER, SLIGHT BITTER TASTE

Percent Volatiles by Volume:1%

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

Stability Indicator/Materials to Avoid:YES

REDUCING MATERIALS AT HIGH TEMPERATURE.

Stability Condition to Avoid:HEATING IN PRESENCE OF CYANIDES OR OTHER
REDUCING AGENTS.

Hazardous Decomposition Products:FUMES CONTAIN MITROGEN OXIDES & B2O3

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDER
AL, STATE &
LOCAL REGULATIONS.

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