

WELDING SUPPLY & SVC CO (DIST), SUPERIOR FLUX (MFR -- SUPERIOR NO.11 -- 3439-00-260-1267

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

Product ID: SUPERIOR NO.11

MSDS Date: 01/01/1985

FSC: 3439

NIIN: 00-260-1267

MSDS Number: BDPLV

=== Responsible Party ===

Company Name: WELDING SUPPLY & SVC CO (DIST), SUPERIOR FLUX (MFR

Emergency Phone Num: 216-461-3315

CAGE: 6F776

=== Contractor Identification ===

Company Name: WEL

DING SUPPLY & SVC CO INC

Box: 3146

City: MACON

State: GA

ZIP: 31297-4099

Country: US

CAGE: 6F776

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

Ingred Name: SODIUM NITRATE

CAS: 7631-99-4

RTECS #: WC5600000

Fraction by Wt: 30.0%

Ingred Name: SODA ASH

CAS: 497-19-8

RTECS #: VZ4050000

Fraction by Wt: 30.0%

Ingred Name: SODIUM TETRABORATE, DECAHYDRATE

CAS: 1303-96-4

RTECS #: VZ2275000

Fraction by Wt: 30.0%

OSHA PEL: 10 MG/M3

ACGIH TLV: 5 MG/M3; 9192

===== Hazards Identific

ation =====

Effects of Overexposure:LARGE AMOUNTS TAKEN BY MOUTH MAY HAVE SERIOUS  
OR EVEN FATAL EFFECTS

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

First Aid:EXTERNALLY:WASH WITH WATER WHEN EXPOSED TO EYES OR SKIN.  
INTERNALLY:DRINK SEVERAL GLASSES OF WATER OR MILK & CALL MD.

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

Flash Point:NONE

Extinguishing Media:NONE

Fire Fighting Procedures:USE PLENTY OF WATER

Unusual Fire/

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

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

Spill Release Procedures:WASH WITH WATER MATERIAL IS RELATIVELY  
HARMLESS EXCEPT ON INGESTION.

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

Handling and Storage Precautions:KEEP AWAY FROM EXTREME HEAT

Other Precautions:STORE IN DRY, COOL AREA. WATER OR MOISTURE WILL  
REDUCE SHE  
LF LIFE

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

Respiratory Protection:NON-TOXIC, MASK WHEN WORKING OR BRAZING

Ventilation:MECHANICAL IS PREFERRED

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:USUAL & CUSTOMARY

Supplemental Safety and Health

ITEM IS TYPE "C" OF MIL-F-16136

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

Boiling Pt:B.P. Text:DECOMPOSED

Spec Gravity:2.15

Evaporation Rate & Refer

ence:NEGLIGIBLE  
Solubility in Water:APPRECIABLE  
Appearance and Odor:WHITE HYGROSCOPIC POWDER, SLIGHT BITTER TASTE  
Percent Volatiles by Volume:1.0

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

Stability Indicator/Materials to Avoid:YES  
REDUCING MATERIALS AT HIGH TEMPERATURES  
Stability Condition to Avoid:HEATING IN PRESENCE OF CYANIDES OR OTHER  
REDUCING AGENTS  
Hazardous Decomposition Products:FMES CONTAIN NITROGEN OXIDES & B2O\*3

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

Waste Disposal Methods:WASH WITH ABUNDANT WATER.

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