

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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