

ALPHA METALS -- 711-35 FLUX -- 3439-00-602-5965

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

Product ID:711-35 FLUX

MSDS Date:06/03/1986

FSC:3439

NIIN:00-602-5965

MSDS Number: BVFXQ

=== Responsible Party ===

Company Name:ALPHA METALS

Address:600 ROUTE 440

City:JERSEY CITY

State:NJ

ZIP:07304

Country:US

Info Phone Num:201-434-6778

Emergency Phone Num:201-434-6778/800-424-9300(CHEMTREC)

CAGE:96613

=== Contractor Identification ===

Company Name:FRYS METALS INC (FORMER ALPHA METALS)

Address:600 ROUTE 440

Box:City:JERSEY CITY

State:NJ

ZIP:07304

Country:US

Phone:201-434-6778

CAGE:96613

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 25-50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9394

Ingred Name:SEC-BUTYL ALCOHOL (SARA III)

CAS:78-92-2

RTECS #:EO1750000

Fraction by Wt: 5-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15

0 PPM  
ACGIH TLV:100 PPM; 9394

Ingred Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9394

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION- CAN CAUSE NASAL  
IRRITATION. INGESTION- CAN CAUSE GASTROINTSTINAL IRRITATI  
ON.  
SKIN- PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS. EYES-  
CAN CAUSE SEVERE IRRITATION.  
Effects of Overexposure:INHALATION- DIZZINESS, NAUSEA, HEADACHE.  
INGESTION- NAUSEA, VOMITING AND DIARRHEA. SKIN- DEFATTING. EYES-  
TEARING, BLURRED VISION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION- REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS  
DIFFICULT, ADM  
INISTER OXYGEN. INGESTION- CALL PHYSICIAN OR POISON  
CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN  
UNCONSCIOU S PERSON. SKIN- WASH EXPOSED AREA WITHSOAP AND WATER.  
REMOVE CONTAMINATED CLOTHING. EYES- FLUSH WITH LARGE AMOUNTS OF  
WATER LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL  
ATTENTION.

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

Flash Point Method:TCC  
Flash Point:64.0F,17.8C  
Lower Limits:2.0  
Upper Limits:12.0  
Extingui

shing Media:CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SMALL: VENTILATE AREA. ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD. LARGE: VENTILATE AREA. ELIMINATE IGNITION SOURCES. WEAR PROTECTIVE EQUIP MENT. DIKE A REA. PUMP LIQUID TO SALVAGETANK.

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

Handling and Storage Precautions:OBSERVE PRECAUTIONS FOR A FLAMMABLE LIQUID. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AWAY FROM IGNITION SOURCES. STORE IN COOL, DRY AREA.

Other Precautions:USE ADEQUATE VENTILATION. READ ALL CONTAINER LABELING. AVOID THE USE OF BRASS DRUM SPIGOTS. USE POLYETHYLENE, POLYPROPYLENE, TEFLON OR STAINLESS STEEL. EMPTY CONTAINERS MAY RETAI N PRODUCT RESIDUES.

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

Respiratory Protection:IF THRESHOLD LIMIT VALUE IS EXCEEDED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves:WEAR RESISTANT GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROVIDE EEYE BATH NEAR WORK SITE.

Work Hygienic Practices:NONE S PECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:180F,82C

Vapor Pres:33 MMHG

Vapor Density:2.1

Spec Gravity:0.875

Evaporation Rate & Reference:2.8 (N-BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR, AMBER LIQUID, NONRESIDUAL ODOR.

Percent Volatiles by Volume:65

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

Stability Indicator/Materials to Av

oid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE.

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

Waste Disposal Methods:DESTROY BY APPROVED INCINERATION OR DEPOSIT IN  
APPROVED LANDFILL.

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