

ALPHA METALS -- 100 FLUX -- 3439-00-220-3827

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Product Identification
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Product ID:100 FLUX
MSDS Date:05/08/1990
FSC:3439
NIIN:00-220-3827
MSDS Number: BLXFV
=== 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 Id
entification ===
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

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 50 - 75%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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Hazards Identification
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Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: ACUTE-INGESTION: CAN CAUSE
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING. EVEN A SMALL AMOUNT CAN
CAUSE DEATH. EYES: CAN CAUSE SEVERE IRRITATION, TEARING, BLURRED
VISION. SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE DEFATTING &
DERMATITIS. INHALED: CAN CAUSE NASAL
IRRITATION, DIZZINESS, NAUSEA, VOMITING. CHRONIC- CAN CAUSE DERMATITIS.

Effects of Overexposure:

INGESTION CAN CAUSE GASTROINTESTINAL
IRRITATION, NAUSEA, VOMITING. EVEN A SMALL AMOUNT CAN CAUSE DEATH.
CAN CAUSE SEVERE EYE IRRITATION, TEARING, BLURRED VISION.
PROLONGED/REPEATED SKIN CONTACT CAN CAUSE DEFATTING & DERMATITIS.
IF INHALED, CAN CAUSE NASAL IRRITATION, DIZZINESS, NAUSEA, VOMITING.

Medical Condition Aggravated by Exposure: PRE-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

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First Aid Measures
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First Aid:

OBTAIN MEDICAL ATTENTION IN ALL CASES. INGESTION: CALL
PHYSICIAN/POISON CONTROL CENTER. INHALATION: REMOVE FROM EXPOSURE. IF
BREATHING IS DIFFICULT, PROVIDE OXYGEN. EYE: FLUSH WITH WATER FOR 15
MINUTES. HOLD EYE LIDS OPEN. SKIN: WASH WITH SOAP AND WATER. REMOVE
CONTAMINATED CLOTHING & WASH BEFORE RE-USE.

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Fire Fighting Measures
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Flash Point Method: TCC

Flash Point: 68.0F, 20.0C

Lower Limits: 2.0

Upper Limits: 12.0

Extinguishing Media: USE CARBON
DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN+PRESSURE.
COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR & CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION & FLASH BACK. NEVER
USE WELDING TORCH ON/NEAR METAL CONTAINERS (EVEN EMPTY).

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Accidental Release Measures
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Spill Release:

ease Procedures:FIRE HAZARD:ELIMINATE ALL SOURCES OF IGNITION.
EVACUATE AREA. VENTILATE AREA. STOP RELEASE. DIKE TO CONTAIN SPILL.
WEAR PROPER SAFETY EQUIPMENT. IF AMOUNT IS LARGE, REMOVE LIQUID BY
VACUUM. IF SMALL, ABSORB ON INERT MATERIAL (CLAY,SOIL).
Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Precautions:STORAGE-STORE IN TIGHTLY CLOSED
CONTAINERS IN FLAMMABLE LIQUID STORAGE ROOM/CABINET.AVOID
HEAT &
SOURCES OF IGNITION.

Other Precautions:EMPTY CONTAINER RETAINS RESIDUE.DO NOT
SOLDER,DRILL,GRIND OR EXPOSE TO HEAT,FLAME,SPARKS,STATIC
ELECTRICITY.KEEP AWAY FROM OXIDIZING AGENTS.USE
POLYETHYLENE,POLYPROPYLENE,TEFLON OR STAINLESS STEEL CON
TAINERS.AVOID BRASS DRUM SPIGOTS.

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

Respiratory Protection:IF LEVELS EXCEED THE RECOMMENDED HEALTH
STANDARDS, WEAR A NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATO
R. FOR
EMERGENCY USE, WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS.

Ventilation:IF LEVELS EXCEED THE RECOMMENDED HEALTH STANDARDS, USE
LOCAL EXHAUST OR GENERAL DILUTION VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES/FACE SHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR
US

ING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A UNDER THE SAME
NSN.

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

HCC:F2

Boiling Pt:=82.C, 179.6F

Vapor Pres:33

Vapor Density:2.0

Spec Gravity:0.898

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

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR AMBER LIQUID, NON-RESIDUAL ODOR

Percent Volatiles by Volume:60

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS (CHLORINE, PEROXIDES, CHROMATES, NITRIC ACID, PERCHLORATES, CONCEN. OXYGEN, PERMANGANATES, ETC.)

Stability Condition to Avoid: HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods: USE CERTIFIED VENDOR FOR DISPOSAL BY

INCINERATION OR APPROVED LANDFILL. DISPOSAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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