

ALPHA METALS -- ALPHA 620F FLUX, TYPE RMA -- 3439-00-069-5815

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Product Identification  
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Product ID:ALPHA 620F FLUX, TYPE RMA

MSDS Date:08/30/1991

FSC:3439

NIIN:00-069-5815

MSDS Number: BCXGM

=== 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(CHEM  
TREC)

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

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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: 25-50%

OSHA PEL:400 PPM; 500 STEL

ACGIH TLV:400 PPM; 500 STEL

Ingred Name:P-MENTHA-1,8-DIENE; (TERPENE SOLVENT)

CAS:138-86-3

RTECS #:OS

8100000  
Fraction by Wt: 10-25%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:2,4-PENTANEDIOL, 2-METHYL; (HEXYLENE GLYCOL)  
CAS:107-41-5  
RTECS #:SA0810000  
Fraction by Wt: 10-25%  
OSHA PEL:25 PPM, C  
ACGIH TLV:25 PPM, C

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===== Hazards Identification =====  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
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 NAS  
AL

IRRITATION, DIZZINESS, NAUSEA, HEADACHE. INGESTION: CAN CAUSE  
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. SKIN:  
PROLONGED OR REPEATED CONTACT CAN CAUSE DEFATTING AND DERMATITIS.  
EYES: CAN CAUSE SEVERE IRRITATION, TEARING, BLURRED VISION.

Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====  
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First Aid:INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS  
DIFFICULT, ADMINISTER OXYGEN. INGESTION: CALL MD OR POISON CONTROL  
CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON . SKIN: WASH EXPOSED AREA WITH SOAP ANDWATER. REMOVE  
CONTAMINATED CLOTHING. EYES: FLUSH EYES WITH LARGE AMOUNT OF WATER  
LIFTING UPPER & LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====  
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Flash Point M  
ethod:TCC  
Flash Point:65.0F,18.3C  
Lower Limits:1.2%  
Upper Limits:12%  
Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT . COOL EXPOSED CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL  
ALONG GROUND. NEVER USE WELLDING TORCH ON OR NEAR METAL CONTAINERS  
(EVEN EMPTY).

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===== Accidental Release Measures =====  
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Spill Release Procedure

s:VENT IF IN ENCLSD AREA. SM SPILL: ABSORB LIQ ON PAPER, VERMICULITE, FLOOR ABSORB/OTHER ABSORB MATL & TRANSFER TO HOOD. LG SPILL: ELIM ALL IGNIT SOURCES. PERSONS NOT WEARING PROT EQUIP SHOULD BE EXCLUD ED FROM AREA. DIKE AREA OF SPILL TO PVNT (SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OBSERVE PREC FOR FLAMM LIQ. KEEP CNTNR CLSD WHEN NOT IN USE. STORE AWAY FROM IGNIT SOURCES IN COOL, DRY AREA. USE ADEQ VENT. READ ALL CNTNR (SUPDAT)

Other Precautions:SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOR, LIQUID/SOLID) ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY .

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

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

Ventilation:USE ADEQUATE VENTILLATION TO MAINTAIN BELOW TLV.

Protective Gloves:RESISTANT, I.E. RUB, NEOPRENE/PLASTIC.

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:EYE BATH

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SPILL PROC: SPREADING. PUMP LIQ TO SALVAGE TANK. TAKE UP REMAINING LIQ ON ABSORB MATL. SHOVEL INTO CNTNRS. HNDLG/STOR PREC: LABELING. AVOID USE OF BRASS DRUM SPIGOTS. USE POLYETHYLENE, POLYPROPYLENE, TEFLON OR S

TAINLESS STEEL.

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

HCC:F2

Boiling Pt:B.P. Text:185F;85C

Vapor Pres:30

Vapor Density:2.5

Spec Gravity:0.907

Evaporation Rate & Reference:2.7 (BUAC=1)

Solubility in Water:SLIGHT

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

Percent Volatiles by Volume:63(WT)

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condi

on to Avoid:HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE.

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

Waste Disposal Methods:INCINERATE ABSORBED MATERIAL IAW FEDERAL, STATE  
AND LOCAL REGULATIONS.

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