

ALPHA METALS -- 611F FLUX -- 3439-00-069-5815

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Product Identification
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Product ID:611F FLUX
MSDS Date:03/26/1993
FSC:3439
NIIN:00-069-5815
MSDS Number: BYFYT
=== 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

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 10-25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:HEXYLENE GLYCOL
CAS:107-41-5
RTECS #:SA0810000
Fraction by Wt: 5-10

%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 25 PPM
ACGIH TLV:C 25 PPM; 9495

Ingred Name:ISOBUTYL ALCOHOL (CERCLA)
CAS:78-83-1
RTECS #:NP9625000
Fraction by Wt: 10-25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-METHOXYETHANOL (METHYL CELLOSOLVE) (SARA 313)
CAS:109-86-4
RTECS #:KL5775000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 25 PPM
ACGIH TLV:S, 5 PPM; 9495

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= 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:INHAL:HEADACHE,DIZZ,DROWS,FATIGUE,NAU,VOMIT,LOOS OF
COORDINATION & APPETITE,TREMORS,BY AFFECTING CNS.
INGEST:HEADACHE,DIZZ,DROS,FATIGUE,NAUS,VOMIT,TREMOR,DIFFCULTY
W/SPEECH,CONFUSION,UNCONSC BY AFFECT ING CNS.KIDNEY DMG HAS BEEN
DESCRIBED. SKIN:PROL/WIDESPREAD CONTACT MAY LEAD TO ABSORP
TION OF
HARMFUL AMTS OF MATL(SUPP)

Explanation of Carcinogenicity:PER MSDS:LISTED CARCINOGENS:NONE.
Effects of Overexposure:AFFECTS CENTRAL NERVOUS SYSTEM:HEADACHE,
DIZZINESS, DROWSINESS, FATIGUE, NAUSE, VOMIT, LOSS OF COORDINATION,
LOSS OF APPETITE, TREMORS, DIFFICULTY W/SPEECH, CONFUSION, UNCONSC.
DMG TO KIDNEY, SKIN ABS ORPTION. SEVERE EYE IRRIT, TEARING, BLURRED
VISION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid

Measures =====

First Aid:INHAL:REMOVE TO FRESH AIR.BREATH DIFFI ADMINISTER OXYGEN.GET MED ATTN. INGEST:GIVE TWO(2) GLASSES OF WATER.INDUCE VOMIT IMMED BY STICKING FINGER DOWN THROAT.CALL PHYSICIAN.NEVER GIVE ANYTHING BY MOUTH TO UNCONSC PERSON. SKIN:WASH W/SOAP/WATER.REMOVE CONTAMIN CLOTH. EYE:FLUSH W/LG AMTS OF WATER LIFTING UPPER/LOWER EYELIDS OCCASIONALLY.GET MED ATTN.

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

Flash Point

Method:TCC

Flash Point:65.0F,18.3C

Lower Limits:1.5

Upper Limits:13.0

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM.

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

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE EQPMT.ABSORB LIQ ON PAPER/VERMICULTIE/FLOOR ABSORBENT/OTHER ABSORBENT MATL & TRANSFER TO HOOD.

Neu

tralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OBSERVE PRECAUTIONS FOR FLAMM LIQ.KEEP CNTNR CLSD WHEN NOT IN USE.STORE AWAY FRM IGN SOURCES,IN COOL DRY AREA W/ADEQU VENTI.READ ALL CNTNR LABELING.

Other Precautions:AVOID SKIN CONTACT.SINCE EMPTY CNTNRS MAY RETAIN PROD RESIDUES(VAP/LIQ/SOLID)ALL LABELED HAZ PRECAUTIONS MUST BE OBSERVED.FOR INDUSTRIAL USE ONLY.KEEP OUT OF REACH OF CHILDREN.DO NTO TAKE INTERNALLY.

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

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

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW TLVS.

Protective Gloves:RESISTANT GLOVES-RUBB,NEOPRENE,PLASTIC.

Eye Protection:CHEM SPLASH GOGG W/FCSHIELD IAW OSHA.

Other Protective Equipment:PROVIDE

EYE BATH NEAR WORK SITE.

Work Hygienic Practices:LAUNDER CONTAMIN CLOTHING BEFORE REUSE. WASH HANDS AFTER HANDLING.

Supplemental Safety and Health

HEALTH HAZ:RESULTING IN TOXICITY SIGNS/SYMPTOMS AS DESCRIBED IN EFFECTS OF SWALLOWING.EYES:SEVERE IRRIT,TEARING,BLURRED VISION.

2-METHOXYETHANOL:REPEATED OVEREXPO MAY CUAE INJURY TO BONE MARROW,BLOOD CELLS,KIDNEY,LIVER,TESTES.

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

HCC:F2

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

V

apor Pres:30 @20C

Vapor Density:2.5

Spec Gravity:0.918 @77F

Evaporation Rate & Reference:2.7 (BUAC=1)

Solubility in Water:MODERATE.

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

Percent Volatiles by Volume:63

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

Stability Indicator/Materials to Avoid:YES

AVOID USE OF BRASS DRUM SPIGOTS.USE POLYETHYLENE,POLYPROPYLENE,TEFLON OR STAINLESS STEEL.HIGHLY REACTIVE CHEM OXIDANTS.

Stability Condition to Avoid:HEAT, S PARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods:DESTROY BY APPROVED INCINERATION OR DEPOSIT IN APPROVED LANDFILL.MUST BE IAW LOCAL, STATE AND FEDERAL REGULATIONS.CONTAINS SARA TITLE III SEC 313 CHEMICALS SUBJ TO REPORTING REQMTS.

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