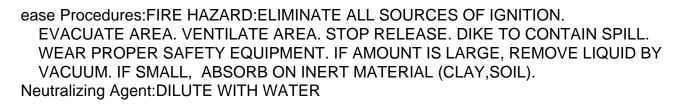
View NSN Online: https://aerobasegroup.com/nsn/3439-00-220-3827 ALPHA METALS -- 100 FLUX -- 3439-00-220-3827 ============ Product Identification ========================= Product ID:100 FLUX MSDS Date:05/08/1990 FSC:3439 NIIN:00-220-3827 MSDS Number: BLXFV === Responsible Party === Company Name: ALPHA 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 ======= Composition/Information on Ingredients ======== 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

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

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outes 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 CA USE DEFATTING & DERMATITIS.INHALED:CAN CAUSE NASAL IRRITATION,DIZZINESS,NAUSEA,VOMITING.CHRONIC-CAN CAUSE DERMATITIS.
Effects of Overexpos ure: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 CA USE DEFATTING & DERMATITIS. IF INHALED,CAN CAUSE NASAL IRRITATION, DIZZINESS, NAUSEA, VOMITING. Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THIS MATERIAL.
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Fi rst 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 E YE LIDS OPEN.SKIN:WASH WITH SOAP AND WATER.REMOVE CONTAMINATED CLOTHING & WASH BEFORE RE-USE.
======================================
Flash Point Method:TCC Flash Point:68.0F,20.0C Lower Limits:2.0 Upper Limits:12.0 Extinguishing Media:USE CARB ON 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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Spill Rel



========== 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 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 ==============

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

Waste Disposal Methods:USE CERTI FIED 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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