

ALPHA METALS -- 81 SOLDER ALLOYS OF LEAD/TIN/SILVER/BISMUTH/ANTIMONY/INDIUM --
3439-00-003-8601

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

Product ID:81 SOLDER ALLOYS OF LEAD/TIN/SILVER/BISMUTH/ANTIMONY/INDIUM

MSDS Date:03/03/1991

FSC:3439

NIIN:00-003-8601

MSDS Number: BYFKF

=== 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:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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

Routes of Entry: Inhalation

:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:PB:HIGH LEVELS AIRBORNE EXPO/INGEST

MAY PRODUCE SMPTOMS-ANEMIA,INSOMNIA,WEAK,CONSTIPATION,NAU,ABD
PAIN.OVEREXPO MAY CUASE DMG TO

BLOOD-FORMING,NERV,REPROD,INTESINAL,URINARY SYS.CHRONIC

TOXICITY:WOMEN OF CHILD BEARING AGE SHOULD AVOID EXPO TO LEAD/ITS
INORG CMPDS DUE TO POST-NATAL EFFECTS.CAN CAUSE POTENTIAL

(SUPPLEMEN)

Explanation of Carcinogenicity:PER MS

DS:IARC CLASSIFIES LEAD/SOME LEAD

CMPDS AS 2B CARCINOGENSPB-.KNOWN TO STATE OF CA CAUSE BIRTH DEFECTS/REPROD HARM.

Effects of Overexposure:ANEMIA,INSOMNIA,WEAK,CONSTIPATION,NAU,ABD PAIN,BLOOD-FORMING/NERV/REPROD/GI/URINARY SYS DMG;SKIN/MUC MEMB IRRIT,BENIGN

PNEUMOCONIOSIS(STANNOSIS);EYE/SKIN(ARGYRIA)DISCOLOR.FOUL BREAHT,BLUE-BLK LINE ON GUMS,STOMATITIS;GI UPSET,SLEEPLESSNESS,IRRITY,MUSC PAIN,RESP TRACT IRRIT,METALLIC TASTE,KID/LIV/CNS DMG;PULM EDEMA.

Medical Cond

Aggravated by Exposure:DISEASE OF THE BLOOD & BLOOD-FORMING ORGANS, KIDNESY, NERVOUS, POSSIBLY REPRODUCTIVE SYSTEMS.

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

First Aid:INHAL:LEAD EXCESSIVE OVEREXPO MAY RESULT IN ACUTE/CHRONIC ILLNESS SYMPTOMS PRESENT REMOVE FROM EXPO.CONSULT PHYSICIAN. INGEST:CALL PHYSICIAN/POISON CNTRL CNTNR @ONCE. SKIN:HOT METAL BURNS COOL EXPO AR EA W/WATER.SEEK MED ATTN.DUST VAP/FUME NOT READILY ABSORBED THRU SKIN. EYE:F

LUSH W/WATER.CONTACT PHYSICIAN.DUST/FUME IRRIT.

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

Extinguishing Media:PER MSDS NOT APPLICABLE HOWEVER USE APPROPRIATE FIRE EXTINGUISHING MEDIA FOR SURROUNDING FIRE/MATLS.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS & FYULL PROTECTIVE CLOTHING IF INVOLVED IN FIRE.

Unusual Fire/Explosion Hazard:MODERATE IN THE FORM OF DUST WHEN EXPOSED TO HEAT OR FLAME. WHEN HEATED TO HIGH TEMPS, LEAD EMITS HIGHLY TOXIC FUMES.

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

Spill Release Procedures:AVOID SOLDER FUME/DUST INHAL.VACUUMING/WASHING RECOMMENDED.DO NOT USE DRY SWEEPING/COMPRESSED AIR CLEANING SYSTEMS.

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

Handling and Storage Precautions:FOOD/DRINK SHOULD NOT BE CONSUMED/TOBACCO PRODUCTS USED/COSMETICS APPLIED IN AREAS WHERE SOLDER MAY BE USED.KEEP OUT OF REACH

OF CHILDREN.

Other Precautions:DO NOT TAKE INTERNALLY.SINCE EMPTY CNTNR MAY RETAIN RESIDUE(VAP/LIQ/SOLID)ALL LABEL HAZ PRECAUT MUST BE OBSERVE.FOR INDUSTRIAL USE ONLY.FOR OVERVIEW OF EFFECTS OF LEAD EXPO CONSULT OSHA APPENDIX A OCC UPATIONAL EXPO TO LEAD (29CFR 1910.1025)

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

Respiratory Protection:NIOSH/MSHA APPROVED DUST/FUME RESP SHOULD BE WORN WHERE AIRBORNE E
Supplemental Safety and Health

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

HCC:N1
Spec Gravity:NA-COMPO VARIES
Solubility in Water:INSOLUBLE.
Appearance and Odor:SILVER-GRAY METAL, ODORLESS, VARIOUS SHAPES & SIZES.

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIALS, ACIDS, HYDROGEN PEROXIDE >52%.
Hazardous Decomposition Products:LEAD OXIDE/ANTIMONY OXIDE FUMES EVOLVED.

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

Waste Disposal Methods:SCRAP/WASTE SOLDER SHOULD BE RECYCLED/STORED IN SEALED CNTNRS FOR LATER DISPOSAL.DISPOSAL MUST BE IAW FED/STATE/LOC LAWS/REGS. CONTAINS COMPONENTS THAT MAY BE PRESENT @LEVEL WHICH COULD REQUIRE REPORT ING UNDER SARA TITLE III SEC 313:LB,SB,AG.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.