

SOFT SOLDERS, 50/50

MSDS Number

CBHDR

National Stock Number

3439-00N068154

Product Name

SOFT SOLDERS, 50/50

Manufacturer

G A AVRIL CO

Product Identification

Product ID:SOFT SOLDERS, 50/50

MSDS Date:11/25/1985

FSC:3439

NIIN:00N068154

MSDS Number: CBHDR

Responsible Party

G A AVRIL CO

2108 EAGLE COURT

CINCINNATI , OH 45212

US

Emergency Phone: 513-731-5133

Info Phone: 513-731-5133

Cage: 3H480

Contractor

G A AVRIL CO

CINCINNATI, OH 45212

US

513-731-5133

Cage: 3H480

Ingredients

449F,232C

CAS: 7440-31-5

RTECS: XP7320000

Fraction By Weight:

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3

621F,327C

CAS: 7439-92-1

RTECS: OF7525000

Fraction By Weight: 37-60%

OSHA PELSEE 1910.1025

ACGIH TLV: 0.15MG/M3 DUST

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

2516F,1380C; MP

CAS: 7440-36-0

RTECS: CC4025000

Fraction By Weight:

OSHA PEL0.5 MG/M3

ACGIH TLV: 0.5 MG (SB)/M3

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

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:ACUTE: ANTIMONY: MAY CAUSE IRRIT TO SKIN/CONT DERM. INHAL CAN CAUSE INFLAMM OF UPPER & LOWER RESP TRACTS. IN ACUTE SEV POIS THERE MAY BE DEATH FROM CIRCULATORY/RESP FAILURE/TOX HEPATITIS. LEAD: SHORT TERM EXPOS SYMP MAY INCL STOM CRAMPS, PERSISTENT VOMIT, SEV ANEMIA, PERIPHERAL NEUROPATHY & ACUTE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: ENCEPHALOPATHY FOLLOWED BY COMA, CARDIORESP ARREST & DEATH. TIN: TIN POWDER IS MOD IRRIT TO EYES & AIRWAYS. CHRONIC: CHRONIC POIS SYMP ARE DRYNESS OF THROAT, NAUS, HDCH, SLEEPLESSNESS, LOSS OF APPETITE & DIZZ. LEAD: LONG TERM EXPOS SYMP ARE SAME AS ACUTE W/METALLIC TASTE IN MOUTH. WEAK OF EXTENSOR (SUP DAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:ANTIMONY: REMOVE FROM EXPOS & HAVE BIOLOGICAL MONITORING UNDER DIRECTION OF MD. LEAD: NO IMMED FIRST AID GEN NEC. BIOLOGICAL MONITORING UNDER DIRECTION OF MD IS REQUIRED I/A/W OSHA REGS. TIN: REMOVE F ROM EXPOS. EYES: FLUSH W/COPIOUS AMTS OF WATER FOR AT LEAST 15 MIN. SEE MD . SKIN: FLUSH W/POTABLE WATER. SEE MD . INHAL: REMOVE TO FRESH AIR. SUPPORT BRTHG (GIVE OXYGEN/ARTF (SUP DAT)

Fire Fighting

Extinguishing Media:DRY CHEMICALS OR SAND SHOULD BE USED WITH MOLTEN METALS.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DO NOT USE WATER ON MOLTEN METALS.

Accidental Release

Spill Release Procedures:SPECIAL CARE SHOULD BE TAKEN WHEN HANDLING MOLTEN METAL. ACCUMULATIONS OF DUST SHOULD BE VACUUMED OR WET-SWEPT TO PREVENT AIRBORNE EXPOSURES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:MATERIAL IN STORAGE CAN BECOME WET FROM CONDENSATION. IT MUST BE THORO DRIED BEFORE ADDING TO MOLTEN METAL. SEE OTHER SECTIONS, REFERENCES & SOURCES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST.
Protective Gloves:INDUSTRIAL TYPE GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS .
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA .
Work Hygienic Practices:COMPLIANCE WITH OSHA REGULATIONS AND OTHER
ACCEPTED SAFETY AND HYGIENIC PRACTICES.
Supplemental Safety and Health
EFTS OF OVEREXP: MUSCLES OF WRIST & ANKLES IS NOTICEABLE IN SERIOUS
CASES. LEAD APPEARS ON NAVY LIST OF OCCUP CHEM REPRO HAZ. SEEK
CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ
LIS T INFO & SAFE HNDLG & EXPOS INFO . FIRST AID PROC: RESP) .
INGEST: CALL MD IMMED .

Chemical Properties

Boiling Pt:B.P. Text:SEE INGS
Melt/Freeze Pt:M.P/F.P Text:SEE INGS
Spec Gravity:8.9 (H*2O=1)
Appearance and Odor:WHITE, ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:HIGH TEMPERATURES MAY PRODUCE HEAVY
METAL FUME, VAPOR AND/OR DUST.

Disposal

Waste Disposal Methods:METAL TURNINGS, GRINDINGS, DRIPPINGS, OR DROSSES
SHOULD BE RECYCLED. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE &
FEDERAL REGULATIONS .

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