MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-592/592-87-0.html for suppliers of this product.

Composition/Information on Ingredient

Cas:

592-87-0

Code: Χ Name: LEAD THIOCYANATE.OSHA PEL FOR INORGANIC LEAD.ACGI Other REC Limits: **NOT KNOWN**

Code: Μ **RTECS:**

OSHA PEL: O.05 MG(PB)/M3 Code: Μ **OSHA STEL:**

NΡ Code:

Control Measures

APPROVED HIGH EFFICIENCY DUST RESPIRATOR.

Equipment IMPERVIOUS BOOTS, APRON, PROTECTIVE SUIT.

IF SKIN CONTACT OCCURS, WASH OFF WITH WATER.

Respiratory Protection:

EXHAUST VENTILATION.

Other Protective Equipment:

Supplemental Safety and Health:

Health Hazards Data

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

NONE KNOWN OR REPORTED.

SYMTOMS DEVELOP. 6

Neutralizing Agent:

Other Precautions:

Flash Point Method:

HUMIDITY.

Flash Point:

Flash Point Text:

Autoignition Temp:

Lower Limits:

Upper Limits:

7 EXPLOSIVE

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text: NOT KNOWN 8

Decomp Temp:

Decomp Text: 180F,82C

Vapor Pres:

Vapor Density:

Spec Gravity:

PH: N/A

Viscosity:

N/P

N/A

N/A

N/A

N/P

VOC Pounds/Gallon:

VOC Grams/Liter:

Solubility in Water:

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

WILL NOT OCCUR.

Information:N/P

Information:N/P

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

ACIDS, CAUSTICS, STRONG OXIDIZERS.

Hazardous Decomposition Products: NITROGEN OXIDES, CARBON MONOXIDE.

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

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Other Information:N/P

MSDS Transport Information

UNSTABLE AT TEMP >82C,180F,BY MECHANICAL SHOCK OR IMPACT,WITH ELECTRICAL (STATIC) DISCHARGE,AND FRICTION.

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

Evaporation Rate & Reference:

BRASS CUP ASSEMBLY WITH NO ODOR.

Volatile Org Content %:

N/A

N/A

B.P. Text:

N/A

Net Prop WT For Ammo:

HCC:

N/R

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

WATER SPRAY APPLIED BY MECHANICAL MEANS ONLY.

PERSONNEL.COOL FIRE-EXPOSED CONTRS W/ WATER.

Physical/Chemical Properties

Autoignition Temp Text:

N/P

N/A

N/A

N/A

NOT KNOWN

Spill Release Procedures:

Waste Disposal Methods:

ENVIRONMENTAL CONTAMINATION.

Handling And Storage Precautions:

EXPLOSIVES, STRONG OXIDIZERS, ACIDS, CAUSTICS.

PELLET-PHYSICAL NATURE SHOULD PRECLUDE INHALATION.

A). EPA HAZARDOUS WASTE NUMBER: D003. SEND WASTE TO METAL RECLAMATION.

Fire and Explosion Hazard Information

Work Hygienic Practices:

CHEMICAL SAFETY GOGGLES (FP A).

Protective Gloves: IMPERMEABLE

Eye Protection:

ING 10)

LD50LC50Mixture:

NOT KNOWN

Skin: YES

YES

IARC: YES

OSHA: NO

SUP)

First Aid:

Ingestion:

Ventilation:

Code: **ACGIH TLV:** 0.15 MG(PB)/M3 Code: Μ **ACGIHSTEL:**

RESPIRATORY PROTECTION NOT NORMALLY NEEDED. IF SIGNIFICANT DUSTING OCCURS, WEAR A NIOSH/MSHA

LOCAL EXHAUST VENTILATION IS RECOMMENDED IF SIGNIFICANT DUSTING OCCURS.OTHERWISE,USE GENERAL

MSDS FOR PRIMER COMPONENT OF M 60 IGNITER, FUSE. SEE 1375-00-691-1671, CAGE 13759, PART A (IGNITER FUSE MSDS).ENTRY RTE:EYES.EXPLAN OF CARC: ANIM (IARC, 1987), ACGIH A1=CONFIRMED HUM CARC (1992).ANTIMONY S ULFIDE:INADEQ EVID FOR CARC IN HUM, LTD EVID CARC IN ANIM (IARC, 1989). PB:KNOWN HUM CARC (OSHA, 1989), (SEE

LEAD CAN DMG BLOOD/CNS/PNS/KIDNEY, MENTAL RETARDATION, BEHAVIORAL DISORDERS, DEATH. PB: KNOWN TO CAUSE REPRO

DMG HEART, LIVER, KIDNEYS. THESE EFFECTS SHOULD NOT OCCUR DUE TO LOW AMTS OF THESE SUBSTANCES IN PROD.

DISORDERS (FEMALE, MALE/DEVEL) (CAL PROP 65,1987). SOLUBLE BARIUM CMPDS CAN AFFECT SMOOTH MUSCLE/H EART. ANTIMONY CAN

NI:KNOWN TO CAUSE CANCER (CAL PROP 65,1989), SUSP HUM CARC/KNOWN ANIM CARC (NTP,1991), SUFF EVID FOR CARC IN HUM (SEE

EYES: IRRITATION WITH REVERSIBLE REDNESS, SWELLING, MUCOUS DISCHARGE TO CONJUNCTIVA. SKIN: MAY CAUSE IRRITATION WITH TRANSIENT REDNESS. INGESTION: GASTROENTERITIS MAY OCCUR WITH NAUSEA, VOMITING, LETHARGY & DIARRHEA. INHALATION: SOLID

EYES: IMMEDIATELY FLUSH WITH LOTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. IF IRRIT DEVELOPS, CALL MD. SKIN: WASH WITH SOAP AND WATER. INGESTION: IMMEDIATELY DRINK WATER TO DILUTE. CONSULT A PHYSICIAN IF

EXPLOSION HAZARD.REMOVE ALL IGNITION SOURCES.S SPILL AT SOURCE ASAP & NOTIFY APPROP PERS.LARGE SPILL: CONTACT OCEAN

DISP MUST BE IAW FED, STATE, & LOC REGS. COORDINATE W/ SUPPORTING INSTALLATION/MACOM ENVIRON OFFICE PRIOR TO DISP (FP

WEAR SCBA & FULL TURNOUT GEAR (FP A). FIGHT FIRE FROM A REMOTE & EXPLOSION RESISTANT SITE. EVACUATE ALL NON-ESSENTIAL

(1-800-OLIN-911).ALWAYS USE NON-SPARKING TOOLS & DO NOT SUBJECT MATERIALS TO MECHA NICAL SHOCK.PREVENT

STORE IN DRY PLACE AT TEMPERATURES <65.5C,150F.AVOID ALL IGNITION SOURCES, MECHANICAL SHOCK, CLASS A & B

AVOID CONTACT WITH SKIN, EYES, CLOTHING. DO NOT TAKE INTERNALLY. SHELF LIFE: INDEFINITE AT 50-90F AND 35% RELATIVE