

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-301/301-04-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

301-04-2

**Code:**

M

**RTECS:**

AI5250000

**Code:**

M

**Name:**

ACETIC ACID LEAD (2+) SALT

**Other REC Limits:**

N/K

**OSHA PEL:**

0.05 MG PB/M3

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

0.15 MG PB/M3

**Code:**

M

**ACGIH STEL:****Code:**

## Control Measures

**Respiratory Protection:**

IF PEL IS EXCEEDED, NIOSH/MSHA APPROVED HALF-MASK AIR-PURIFYING RESP EQUIPPED W/HIGH-EFFICIENCY FILTER/ANY NIOSH/MSHA APPROVED HALF-MASK SUPPLIED AIR RESP MAY BE WORN UP TO CONC OF 50 MG/M3. SEE OSHA STANDARD FOR ADDITIONAL INFORMATION.

**Ventilation:**

A SYS OF LOC &/OR GEN EXHST IS RECOMMENDED TO KEEP EMPLOYEE EXPOS BELOW AIRBORNE EXPOS LIMITS. LOC EXHST VENT (ING 12)

**Protective Gloves:**

IMPERVIOUS GLOVES (FP N). 10

**Eye Protection:**

CHEM WORK GOGG/FULL LENGTH FSHLD (FP N).

**Other Protective Equipment:**

Equipment BOOTS/GLOVES/LAB COAT/APRON/COVERALLS TO PROTECT SKIN CONTACT. MAINTAIN EYE WASH FOUNTAIN QUICK-DRENCH FACIL IN WORK AREA.

**Work Hygienic Practices:**

EAT/DRINK SMOKING SHLD NOT BE PERMITTED IN AREA WHERE SOLIDS/LIQ CNTNG SOLUBLE LEAD CMPNDNS ARE HNDLD, PROCESSED(ING 17)

**Supplemental Safety and Health:**

EFTS OF OVEREXP: BE ABSORBED THRU SKIN ON PNLNGD EXPOS; THE SYMPTOMS OF LEAD POISONING DESCRIBED FOR INGEST EXPOS MAY OCCUR. CNTCT OVER SHORT PERIODS OF MAY CAUSE SEVERE LOC IRRIT/BURNS. EYE:ABSORP CAN OC CUR THRU EYE TISSUE BUT MORE COMMON HAZARE LOC IRRIT/ABRASION. CHRONIC:LEAD IS A CUMULATIVE POISON & EXPOS (ING 3)

## Health Hazards Data

**LD50/LC50/Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES 8

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INHAL: LEAD CAN BE ABSORBED THRU RESP SYS. LOCAL IRRIT OF BRONCHIA & LUNGS CAN OCCUR &, IN CASES OF ACUTE EXPOS, SYMPTOMS SUCH AS METALLIC TASTE, CHEST & ABDOMINAL PAIN, & INCR LEAD BLOOD LEVELS MAY FOLLOW. INGEST: POISON! SYMPTOMS OF LEAD POISONING INCL ABDOMINAL PAIN & SPASMS, NAUSEA, VOMITING, HEADACHE. ACUTE (EFTS OF OVEREXP)

**Explanation Of Carcinogenicity:**

LEAD ACETATE:ANTICIPATED TO CARCINOGEN.

**Signs And Symptoms Of Overexposure:**

HTLTH HAZ:POISONING CAN LEAD TO MUSCLE WEAKNESS, "LEAD LINE" ON GUMS, METALLIC TASTE, DEFINITE LOSS OF APPETITE, INSOMNIA, DIZZINESS, HIGH LEAD LEVELS IN BLOOD & URINE W/SHOCK, COMA & DEATH IN EXTREME CASES. SOLUBLE LEAD CMPNDNS, E.G., THE ACETATE/NITRATE, ARE THE MOST DANGEROUS. SKIN:LEAD & LEAD CMPNDNS MAY (SUPP DATA)

**Medical Cond Aggravated By Exposure:**

PERSONS WITH PRE-EXISTING NERVE OR CIRCULATORY DISORDERS OR WITH SKIN OR EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS SUBSTANCE.

**First Aid:**

INHAL:REMOVE TO FRESH AIR. GET MED ATTN FOR ANY BRTHG DFLCTLY. IF NOT BRTHG, GIVE AARTF RESP. IF BRTHG IS DFLCTLY, GIVE O2. INGEST:INDUCE VOMIT IMMEDIATELY BY GIVING 2 GLASSES OF H2O & STICKING FINGER DOWN THROAT. CALL MD IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON. SKIN:WASH EXPOSED AREA W/SOAP & H2O. GET MED ADVICE IF IRRIT DEVELOPS.

EYE:WASH EYES W/PLENTY OF H2O FOR @ LST 15 MIN. CALL MD.

**Spill Release Procedures:**

EVAC UNPROT PERSONNEL. CLEAN-UP PERSONNEL SHOULD WEAR PROT CLOTHG & NIOSH/MSHA APPROVED RESP FOR PROT FROM DUST. CAREFULLY SWEEP/VACUUM UP SPILL, AVOIDING FORMATION OF AIR-BORNE PARTICLES, & PLACE IN CLOSED CNTNR FOR DISP.

DAMP/WET CLEANING (ING 7)

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DO NOT SEND LEAD RESIDUES TO SEWER. WHATEVER CANNOT BE SAVED FOR RECLAMMATION MAY BE SENT TO AN RCRA-APPROVED DISP FACILITY. IF THE LEAD MUST BE MADE INSOLUBLE BEFORE DISPOSAL, DISSOLVE THE RESIDUE IN H2O, NEUTRALIZE IF NEC & PRECIPITATE THE (ING 9)

**Handling And Storage Precautions:**

9 KEEP CNTNR CLSD. USE W/ADEQ VENT. AVOID BREATHING DUST. STORE IN COOL, DRY, VENT AREA AWAY FROM SOURCES OF IGNIT. PROT AGAINST PHYSICAL DAMAGE.

**Other Precautions:**

AREAS IN WHICH EXPOS TO LEAD METAL/LEAD CMPNDNS MAY OCCUR SHOULD BE IDENTIFIED BY SIGNS/APPROP MEANS, & ACCESS TO THE AREA SHOULD BE LIMITED TO AUTHORIZED PERSONS. DANGER! MAY BE FATAL IF SWALLOWED. HAZARDOUS IF INHALED. NEUROTOXIN. (ING 15)

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

N/K

**Flash Point Text:**

N/K

**Autoignition Temp:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

USE ANY MEANS AVAILABLE FOR EXTINGUISHING SURROUNDING FIRE.

**Fire Fighting Procedures:**

WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIP (FP N). LEAD ACETATE CAN PRODUCE ACETIC ACID, CO, & TOXIC FUMES IN FIRE SITUATION.

**Unusual Fire/Explosion Hazard:**

NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

## Physical/Chemical Properties

**HCC:****NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:**

ING 2

**Melt/Freeze Pt:**

167F/75C

**Decomp Temp:**

YES

**Decomp Text:**

N/A

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/A

**Spec Gravity:**

2.55

**VOC Pounds/Gallon:**

N/A

**PH:**

N/K

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

60 GM IN 100 GM H2O 11

**Appearance and Odor:**

WHITE CRYSTALLINE GRANULES. SLIGHTLY ACETIC ODOR.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Conditions To Avoid Polymerization:**

NOT RELEVANT

## Toxicological Information

**Information:**

N/P

## MSDS Transport Info

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

**Other Information:**

N/P

**Other Info:**

N/P

**Other Info:**