

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-229/22914-58-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
22914-58-5

Code:
M

RTECS:

Code:
X

Name:
ZINC MOLYBDATE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
10MG/M3

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
10MG/M3

Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:
LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:
RUBBER

Eye Protection:
SAFETY GOGGLES.

Other Protective Equipment:
Equipment PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:
USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
LD50 FOR THIS PRODUCT IS NOT ESTABLISHED

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES:MAY CAUSE SEVERE IRRITATION.SKIN:MAY CAUSE IRRITATION AND DEFATTING.INGEST:MAY CAUSE GI TRACT IRRITATION.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER INGESTING.INHAL:MAY CAUSE RESPIRATORY IRRITATION.

Explanation Of Carcinogenicity:
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptoms Of Overexposure:
INHAL:HEADACHE,DIZZINESS,NAUSEA,POSSIBLE LOSS OF CONSCIOUSNESS.INGEST:VOMITING.SKIN:DERMATITIS,SENSITIZATION.

Medical Cond Aggravated By Exposure:
PERSONS WITH PRE-EXISTING SKIN CONDITIONS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:
SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,INDUCE VOMITING ONLY ON THE ADVICE OF A PHYSICIAN.IF SPONTANEOUS VOMITING OCCURS,KEEP HEAD BELOW HIPS.

Spill Release Procedures:
ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.WASH SPILL AREA TO REMOVE SLIPPINESS.

Neutralizing Agent:
NONE

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.EPA DISPOSAL CODE D001(IGNITABLE).

Handling And Storage Precautions:
STORE IN A COOL,DRY,WELL-VENTILATED PLACE USED TO HOUSE COMBUSTIBLE LIQUIDS..KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:
THE VAPORS FROM THIS PRODUCT CAN FORM EXPLOSIVE MIXTURES WITH AIR.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
110F,43C

Autoignition Temp:

Autoignition Temp Text:
N/K 3

Lower Limits:
0.9

Upper Limits:
N/K

Extinguishing Media:
FOAM,CARBON DIOXIDE,DRY CHEMICAL.

Fire Fighting Procedures:
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:
WATER SPRAY MAY SPREAD BURNING LIQUID.

Physical/Chemical Properties

HCC:
F4

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
308F-396F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/K

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
1.56

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
90 KU 4

Evaporation Rate & Reference:
0.11 (N-BUTYL ACETATE=1)

Solubility in Water:
SLIGHT

Appearance and Odor:
LIQUID;YELLOW;SOLVENT ODOR

Percent Volatiles by Volume:
60.5

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH HEAT,SOURCES OF IGNITION.

Materials To Avoid:
STRONG OXIDIZING AGENTS AND ALKALIES.

Hazardous Decomposition Products:
CARBON DIOXIDE,CARBON MONOXIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P