

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

ACGIH STEL:

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

LD50/LC50/Mixture:

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 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:

NONE

Boiling Point:

90 KU 4

B.P. Text:

308F-396F

Melt/Freeze Pt:

N/K

Decomp Temp:

UNKNOWN

Decomp Text:

N/K

N.V.Pres:

N/K

Vapor Density:

>1

Volatile Org Content %:

NONE

Spec Gravity:

1.56

VOC Pounds/Gallon:

N/K

pH:

N/K

VOC Grams/Liter:

NONE

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:

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 Registry Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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