

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-112/112-38-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
112-38-9
Code:
M

RTECS:
YQ2975000
Code:
M

Name:
ZINC UNDECYLENATE

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
MINIMIZE EXPOSURE IN ACCORDANCE WITH GOOD HYGIENE PRACTICE. IF NEEDED, USE MSHA/NIOSH APPROVED RESPIRATOR FOR DUSTS, MISTS, AND FUMES.

Ventilation:
LOCAL EXHAUST AS NEEDED.

Protective Gloves:
PLASTIC GLOVES TO REDUCE IRRITATION.

Eye Protection:
4 DUST GOGGLES.

Other Protective Equipment:
Equipment EYE WASH STATION.

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING. DO NOT SHAKE CLOTHING. REMOVE DUST BY WASHING OR VACUUMING.

Supplemental Safety and Health:
KEY1:N1. THIS IS PART A OF A 2-PART PRODUCT. FOR PART B, SEE PNI B, SAME NSN.

Health Hazards Data

LD50LC50Mixture:
UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: CONTACT MAY CAUSE EYE IRRITATION. INGESTION CAN CAUSE GASTROINTESTINAL DISORDERS. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation Of Carcinogenicity:
NOT APPLICABLE

Signs And Symptions Of Overexposure:
EYES: IRRITATION. INGESTION: NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure:
NONE KNOWN.

First Aid:
EYES: FLUSH WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK 1 OR 2 GLASSES OF WATER. IF GASTROINTESTINAL SYM PTOMS DEVELOP, SEE DOCTOR.

Spill Release Procedures:
SWEEP UP AND RECOVER OR MIX MATERIAL WITH MOIST ABSORBENT AND SHOVEL INTO WASTE CONTAINER.

Neutralizing Agent:
NOT APPLICABLE

Waste Disposal Methods:
NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
3 STORE IN COOL, DRY PLACE. KEEP AWAY FROM HEAT OR OPEN FLAME.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:
WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:
IF POWDER IS DUSTED IN THE AIR AND IGNITED, FIRE AND/OR EXPLOSION MAY RESULT.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
N/A

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A

Solubility in Water:
N/K

Appearance and Odor:
PINK FREE FLOWING POWDER, NON-VOLATILE

Percent Volatiles by Volume:
N/A

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH HEAT.

Materials To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE, METHYL METHACRYLATE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

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