

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/11061-68-0.html> for suppliers of this product.

Composition/Information on Ingredient

11061-68-0
Code:
M
RTECS:
Code:
X
Name:
ZINC INSULIN
Other REC Limits:
NONE RECOMMENDED
OSHA PEL:
NOT ESTABLISHED
Code:
M
OSHA STEL:
Code:
ACGIH TLV:
NOT ESTABLISHED
Code:
M
ACGIH STEL:
N/P
Code:

Respiratory Protection:
NIOSH APPROVED RESPIRATOR

Ventilation:
LABORATORY FUME HOOD OR LOCAL EXHAUST VENTILATION.

Protective Gloves:
IMPERVIOUS GLOVES.

Eye Protection:
SAFETY GLASSES.

Other Protective Equipment:
Equipment IMPERVIOUS BODY COVERING TO PREVENT SKIN CONTACT.

Work Hygienic Practices:
WASH HANDS THOROUGHLY AFTER HANDLING THIS MATERIAL. 4

Supplemental Safety and Health:
NONE

LD50LC50Mixture:

UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
NONE REPORTED

Explanation Of Carcinogenicity:
NOT APPLICABLE

Signs And Symptoms Of Overexposure:
NONE REPORTED

Medical Cond Aggravated By Exposure:
NONE KNOWN.

First Aid:
EYES: IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE LIFTING EYELIDS OPEN. SKIN: WASH WITH SOAP AND PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: CONTACT A PHYSIC IAN OR POISON CONTROL CENTER. DO NOT INDUCE VOMITING. IF AVAILABLE, ADMINISTER ACTIVATED CHARCOAL (6-8 HEAPING TEASPOONS) WITH 2-3 GLASSES OF WATER.

Spill Release Procedures:
PROVIDE VENTILATION AND RESPIRATORY, SKIN AND EYE PROTECTION TO PREVENT OVEREXPOSURE. KEEP THE PRODUCT OUT OF DRAINS; PREVENT ENTRY TO SURFACE WATER, GROUNDWATER AND SOIL. SMALL SPILLS SHOULD BE ABSOR BED WITH PAPER TOWELS OR OTHER APPROPRIATE MEDIA.

Neutralizing Agent:
3 N/R

Waste Disposal Methods:
DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. MATERIAL IS NOT A RCRA HAZARDOUS WASTE FOR DISPOSAL.

Handling And Storage Precautions:
NONE SPECIFIED BY MANUFACTURER.

Other Precautions:
NONE

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
N/K

Upper Limits:
N/K

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

Fire Fighting Procedures:
NONE

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt / Freeze Pt:

M.P/F.P Text:
DECOMPOSES

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.004-1.007

VOC Pounds/Gallon:

PH: 7-7.8

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
N/K

Solubility in Water:
SLIGHTLY SOLUBLE

Appearance and Odor:
CLEAR SOLUTIONS TO WHITE MILKY SUSPENSIONS.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES.

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
MAY EMIT TOXIC FUMES WHEN HEATED TO DECOMPOSITION.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

Toxicological Information

information.ly/r

MCDC Tr

Information:N/P

Regulatory Information

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P