

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-8049-62-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

8049-62-5

Code:

M

RTECS:

NM8916000

Code:

M

Name:

INSULIN ZINC

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED. WEAR A NIOSH-APPROVED RESPIRATOR OR USE LABORATORY HOOD IF NEEDED.

Ventilation:

LOCAL EXHAUST OR LABORATORY HOOD

Protective Gloves:

DISPOSABLE SURGICAL LATEX GLOVES

Eye Protection:

SAFETY GOGGLES

Other Protective Equipment:

Equipment EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM 4

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health:

NSN CANCELLED. EFFECTIVE DATE: 94091. ITEM CANCELLED WITHOUT REPLACEMENT.

Health Hazards Data

LD50LC50Mixture:

LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS:EYES, SKIN. ACUTE AND CHRONIC- NONE REPORTED.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

NONE

Medical Cond Aggravated By Exposure:

UNKNOWN

First Aid:

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. IF AVAILABLE, ADMINISTER ACTIVATED CHARCOAL (6-8 HEAPING TEASPOONS) WITH TWO TO THREE GLASSES OF WATER. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:

PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. TRANSFER TO CONTAINER FOR LATER DISPOSAL. 3

Neutralizing Agent:

NOT RELEVANT

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. MATERIAL IS NOT A RCRA HAZARDOUS WASTE FOR DISPOSAL.

Handling And Storage Precautions:

STORE AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:

AS A GENERAL RULE, WHEN HANDLING PHARMACEUTICAL PRODUCTS, AVOID ALL FORMS OF CONTACT AND INHALATION OF DUST, FUMES, MISTS, AND/OR VAPORS ASSOCIATED WITH THE PRODUCT.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE

Autoignition Temp:

Autoignition Temp Text:

N/R

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, HALON, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:

WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

UNKNOWN

Physical/Chemical Properties

HCC:

N1

NRC/State IC No:

NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

DECOMPOSES

Melt/Freeze Pt:

Melt/Freeze Pt Text:

N/R

Decomp Temp:

Decomp Temp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

Spec Gravity:

1.004 - 1.007

VOC Pounds/Gallon:

pH:

7 - 7.8

VOC Grams/Liter:

Viscosity:

NOT RELEVANT

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

SLIGHTLY SOLUBLE

Appearance and Odor:

CLEAR LIQUID, CLEAR MILKY SUSPENSION - ODORLESS

Percent Volatile by Volume:

N/K

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXCESSIVE HEAT

Materials To Avoid:

STRONG OXIDIZING AGENTS (E.G. PEROXIDES, PERMANGANATES, NITRIC ACID, ETC.)

Hazardous Decomposition Products:

MAY EMIT TOXIC FUMES

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT

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

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

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The product in regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling and/or contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions.