

ZINC METAL,MOSSY

MSDS Number

BXGDN

National Stock Number

9650-00D003544

Product Name

ZINC METAL,MOSSY

Manufacturer

WARD'S NATURAL SCIENCE ESTABLISHMENT INC

Product Identification

Product ID:ZINC METAL,MOSSY

MSDS Date:07/01/1986

FSC:9650

NIIN:00D003544

MSDS Number: BXGDN

Responsible Party

WARD'S NATURAL SCIENCE ESTABLISHMENT INC.

ROCHESTER , NY 14692-9012

US

Emergency Phone: 716-226-6177/334-4222/800-424-9300

Info Phone: 716-359-2502

Preparer: ALEXANDER A. PICCIRILLI

Cage: EO227

Contractor

WARDS NATURAL SCIENCE ESTABLISHMENT INC

92912

ROCHESTER, NY 14692-9012

US

(716) 359-2502

Cage: 63759

Ingredients

ZINC (SARA 313) (CERCLA)

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 100%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT RELEVANT.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY

TRACT. PRODUCT IS NOT HAZARDOUS. HEALTH HAZARDS ARE DUE TO

DUSTS/FUMES. ACUTE- EYE:MAY CAUSE IRRITATION.

SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. INHA

LATION:FUMES MAY CAUSE CHILLS & FEVER. DUSTS MAY CAUSE IRRITATION.

ORAL:UNLIKELY. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, COUGHING, CHILLS, FEVER, WEAKNESS

First Aid

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.

Fire Fighting

Flash Point:NONE

Extinguishing Media:SMOTHER WITH DRY SAND, EARTH, SODA ASH OR DRY POWDER (ABC)

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. THE FUMES ARE HIGHLY TOXIC CAUSING "FUME FEVER".

Unusual Fire/Explosion Hazard:DUST FORMS EXPLOSIVE MIXTURE WITH AIR. BULK DUST IN DAMP STATE MAY HEAT SPONTANEOUSLY AND IGNITE ON EXPOSURE TO AIR. CONTACT WITH BASE/ACID FORMS HYDROGEN GAS.

Accidental Release

Spill Release Procedures:SWEEP UP AND PLACE IN A SUITABLE CONTAINER FOR REUSE OR DISPOSAL. AVOID WATER CONTACT.

Neutralizing Agent:NOT RELEVANT

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED PLACE AWAY FROM ACIDS, HALOGENATED HYDROCARBONS AND STRONG BASES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:AVOID CREATING DUSTS OR FUMES. AVOID EYE CONTACT. AVOID INHALATION OF DUST OR FUME. KEEP OUT OF REACH OF SMALL CHILDREN. OBEY HAZARD WARNING LABEL. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD OR HOUSEHOLD USE.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK. IN EMERGENCY, WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Ventilation:ADEQUATE

Protective Gloves:RUBBER, LATEX

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

Chemical Properties

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:1665F,907C

Melt/Freeze Pt:M.P/F.P Text:787F,419C

Vapor Pres:1 @ 909F

Vapor Density:2.26

Spec Gravity:7.14

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVERY METAL, MOSSY - ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS, ALKALIES

Stability Condition to Avoid:EXCESSIVE HEAT, MOISTURE AND AIR

Hazardous Decomposition Products:MAY FORM OXIDES OF ZINC, ZINC FUME.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. MAY BE DISPOSED OF IN AN APPROVED CHEMICAL LANDFILL OR CONTRACT WITH A LICENSED WASTE DISPOSAL SERVICE.

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