

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7446-20-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7446-20-0

Code:

M

RTECS:

ZH5300000

Code:

M

Name:

ZINC SULFATE

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

FOR CONDITIONS WHERE EXPOSURE TO THE DUST IS APPARENT, A DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LEVELS ARE NOT KNOWN, USE A POSITIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR.

Ventilation:

LOCAL EXHAUST SYSTEM .

Protective Gloves:

WEAR PROTECTIVE GLOVES.

Eye Protection:

USE CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:

Equipment WEAR CLEAN BODY COVERING CLOTHING. MAINTAIN EYE WASH FOUNTAIN AND QUICK DRENCH FACILITIES IN WORK AREA.

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. 4

Supplemental Safety and Health:

AVOID BREATHING DUST.

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

N/P

IARC:

N/P

OSHA:

NO

Health Hazards Acute And Chronic:

INHALATION-POSSIBL MILD IRRITATION OF THE RESPIRATORY TRACT & LUNGS. INGESTION-IRRITATION OF THE MUSCOS MEMBRANES. SKIN-MILD IRRITANT AND ASTRINGENT. EYE-IRRITANT. CHRONIC: REPEATED SKIN CONTACT CAN CAUSE SWELLING OR OTHER SKIN ERUPTIONS. ANEMIA HAS BEEN REPORTED.

Explanation Of Carcinogenicity:

NO DATA AVAILABLE. 2

Signs And Symptoms Of Overexposure:

INHALATION-PAIN, COUGHING & DIFFICULTY BREATHING. INGESTION-STOMACH CRAMPS, STRICTURE OF THE ESOPHAGUS, NAUSEA AND VOMITING. SKIN-CAN CAUSE PAIN AND IRRITATION. EYE-CAN CAUSE PAIN AND REDNESS.

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED RESPIRATORY FUNCTIONS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid:

INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY. INGESTION-GIVE SEVERAL GLASSES OF WATER OR MILK.VOMITING MAY OCCUR, BUT DO NOT INDUCE. GET MEDICAL ATTENTION. SKIN-WASH THOROUGHLY WITH RUNNING WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS. EYE-IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN IR IRRITATION DEVELOPS.

Spill Release Procedures:

VENTILATE AREA OF LEAK OR SPILL. CLEANUP PERSONNEL REQUIRE PROTECTIVE CLOTHING & RESPIRATORY PROTECTION FROM DUST. PICK UP AND PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:

N/P

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE 3

Autoignition Temp:

Autoignition Temp Text:

N/R

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:

IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND.

Unusual Fire/Explosion Hazard:

SEALED CONTAINERS OF THIS MATERIAL MAY RUSTURE AT MODERATE TEMPERATURES. FORMS ACIDIC SOLUTIONS IN WATER.

Physical/Chemical Properties

HCC:

N1

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

DECOMPOSES

Melt/Freeze Pt:

M.P/F.P. Text:

212F/100C

Decomp Temp:

Decomp Text:

932F/500C

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

Spec Gravity:

1.97

VOC Pounds/Gallon:

PH:

N/K

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

SOLUBILITY in Water:

SOLUBLE

Appearance and Odor:

COLORLESS CRYSTALS OR GRANULES,ODORLESS.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

THIS SUBSTANCE DOES NOT POLYMERIZE.

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:

N/P

Other Information:

N/P

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