

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744-7446-19-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7446-19-7

Code:

M

RTECS:

ZH5300000

Code:

M

Name:

ZINC SULFATE

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:

Control Measures

Respiratory Protection:

IF NEEDED, WEAR A NIOSH/MSHA APPROVED RESPIRATOR FOR PARTICULATES.

Ventilation:

USE LOCAL EXHAUST AS REQUIRED TO MAINTAIN AIRBORNE PARTICULATES BELOW OCCUPATIONAL EXPOSURE LIMITS. 3

Protective Gloves:

NORMAL WORK GLOVES ARE ADEQUATE.

Eye Protection:

SAFETY GLASSES OR GOGGLES FOR DUSTY AREA

Other Protective Equipment:

Equipment NONE NORMALLY REQUIRED. PROTECTIVE CLOTHING MAY BE WORN IN DUSTY AREAS.

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50 (RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: SKIN: DUST MAY CAUSE MILD IRRITATION. INHALATION: MAY CAUSE MILD IRRITATION OF NOSE AND THROAT. INGESTION: LARGE AMOUNTS (GREATER THAN 0.1 LBS) MAY CAUSE GASTROINTESTINAL UPSET AND IRRITATION OF THE STOMACH. CHRONIC: NO APPLICABLE INFORMATION FOUND FOR CHRONIC SYSTEMIC EFFECTS.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SKIN: IRRITATION, INFLAMMATION. INHALATION: IRRITATION OF NOSE AND THROAT, SNEEZING. INGESTION: GASTROINTESTINAL UPSET, STOMACH IRRITATION, NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure:

2 IN SOME CASES OF CONFIRMED HYPERTENSION, INGESTION MAY RESULT IN Elevated BLOOD PRESSURE. THIS APPLIES ONLY TO SALT-SENSITIVE INDIVIDUALS.

First Aid:

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN AREA WITH LARGE AMOUNTS OF WATER. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. GET MEDICAL ATTENTION. INGESTION: LESS THAN A FEW GRAMS WOULD NOT BE HARMFUL. FOR LARGER QUANTITIES, DRINK LARGE AMOUNTS OF WATER OR MILK.

Spill Release Procedures:

CONTAIN SPILLS TO PREVENT CONTAMINATION OF WATER SUPPLY OR SANITARY SEWER SYSTEM. VACUUM OR SWEEP INTO CONTAINERS FOR PROPER DISPOSAL.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

AVOID HUMID OR WET CONDITIONS AS PRODUCT WILL CAKE AND BECOME HARD.

Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NOT APPLICABLE

Autoignition Temp:

N/R

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

NONFLAMMABLE SOLID. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:

N/A

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

N/R

Boiling Point:

N/R

B.P./T.M. Text:

UNKNOWN

M.P./F.P. Text:

1474F, 801C

Decomp Temp:

UNKNOWN

Decomp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatil Org Content %:

UNKNOWN

Spec Gravity:

2.16

VOC Pounds/Gallon:

N/R

PH:

N/K

VOC Grams/Liter:

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

APPRECIABLE

Appearance and Odor:

WHITE CRYSTALLINE SOLID WITH WHITE PRILLS.

Percent Volatiles by Volume:

N/R

Corrosion Rate:

UNKNOWN

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

CONTACT WITH STRONG ACIDS.

Materials To Avoid:

Avoid contact with strong acids.

Hazardous Decomposition Products:

MAY EVOLVE CHLORINE GAS WHEN IN CONTACT WITH STRONG ACIDS.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

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

Physical/Chemical Properties

Information:

N/P

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