

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

ACGIHSTEL:
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.

Work Hygienic Practices:
WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
WARM WATER SHOWERING AND HANDWASHING IS SUGGESTED AFTER WORKING IN EXTREMELY DUSTY AREAS.

Health Hazards Data

LD50LC50Mixture:
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 O F THE STOMACH. CHRONIC: NO APPLICABLE INFORMATION FOUND FOR CHRONIC SYSTEMIC EFFECTS.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions 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 ATTENTIO N. 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 SNITARY 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:

Autoignition Temp Text:
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:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:

M.P/F.P Text:
1474F,801C

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
2.16

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
APPRECIABLE

Appearance and Odor:
WHITE CRYSTALLINE SOLID WITH WHIT PRILLS.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
CONTACT WITH STRONG ACIDS.

Materials To Avoid:
AVOID CONTACT WITH STRONG ACIDS.

Hazardous Decomposition Products:
HAZARDOUS DECHLORINE 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

Other Information:N/P