

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-167/16721-80-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

16721-80-5

Code:

M

RTECS:

WE1900000

Code:

M

Name:

SODIUM HYDROSULFIDE (SARA III)

Other REC Limits:

N/K

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

FOR DUST OR MIST CONDITIONS, A NIOSH-APPROVED RESPIRATOR FOR DUSTS AND MISTS IS ADVISED.

Ventilation:

MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP PERTICULATE CONCENTRATION BELOW TLV.

Protective Gloves:

NEOPRENE

Eye Protection:

GOGGLES/FACE SHIELD

Other Protective Equipment:

Equipment FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION

Work Hygienic Practices:

WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50/LC50/Mixture:

NOT GIVEN FOR PRODUCT

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYE:CAUSE SEVERE BURNS,POSSIBLE PERMANENT TISSUE DAMAGE AND POSSIBLE BLINDNESS. SKIN:SEVERE IRRITATION,POSSIBLE CHEMICAL BURNS AND POSSIBLE PERMANENT TISSUE DAMAGE. INHALATION: SEVERE IRRITATION AND POSSIBLE PERMANENT DAMAGE TO UPPER RESPIRATORY TRACT. INGESTION: SEVERE DAMAGE TO GASTROINTESTINAL TRACT.

Explanation Of Carcinogenicity:

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure:

SKIN:SEVERE IRRITATION. EYES:CORNEAL DAMAGE, BLINDNESS. INHALATION:SEVERE IRRITATION. INGESTION: TISSUE DAMAGE.

Medical Cond Aggravated By Exposure:

3 NONE SPECIFIED BY MANUFACTURER.

First Aid:

SKIN:FLUSH IMMEDIATELY W/LARGE AMOUNT OF WATER. SHOWER IF POSSIBLE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES:FLUSH W/WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GET MD IF IRRITATION PERSISTS. INGESTION: GIVE LARGE QUANTITY OF WATER/MILK. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Spill Release Procedures:

WEAR APPROPRIATE PROTECTIVE EQUIPMENT. SHOVEL DRY SPILL INTO DOT-APPROVED DRUMS FOR DISPOSAL. KEEP SPILL DRY UNTIL AS MUCH AS POSSIBLE DUST BEEN SWEEPED UP AND SHOVED INTO DISPOSAL DRUMS. DO NOT ALLOW PRODUCT OR RINSE WATER INTO SEWER OR WATERWAY.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

1. TRANSFER TO RECLAIMING CENTER FOR RECYCLING OR REUSE IF POSSIBLE; 2. TRANSFER TO LICENSED HAZARDOUS WASTE TREATMENT OR DISPOSAL SITE FOR DISPOSITION UNDER APPLICABLE LOCAL,STATE AND FEDERAL REGULATIONS AS HAZARDOUS WASTE.

Handling And Storage Precautions:

TRANSPORT & STORE IN CLOSED CONTAINERS AT TEMPERATURES BELOW 130F.ALWAYS ADD CAUTIOUSLY TO COLD WATER,W/AGITATION. HEAT EVOLVED.

Other Precautions:

CAN FORM CARBON MONOXIDE UPON CONTACT W/FOOD & BEVERAGE PRODUCTS IN ENCLOSED SPACES & CAN BE FATAL.FOLLOW APPROPRIATE TANK ENTRY PROCEDURES(SEE ANSI Z117.1-1977).

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

NOT GIVEN

Upper Limits:

NOT GIVEN

Extinguishing Media:

4 NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

USE SELF-CONTAINED RESPIRATORY PROTECTION.

Unusual Fire/Explosion Hazard:

CONTACT WITH WATER AND REACTIVE METALS LIKE AL,ZN,TIN ETC.MAY LEAD TO GENERATION OF HYDROGEN GAS.

Physical/Chemical Properties

HCC:

B1

NRC/State LC No:

5

Net Prop WT For Amm:

B/P Text:

N/P

Melt/Freeze Pt:

M/P/F/P Text:

N/P

Decomp Temp:

Decomp Text:

N/P

Vapor Pres:

NOT GIVEN

Vapor Density:

NOT GIVEN

Autoignition Temp:

NO

Extinguishing Media:

NO

Fire Fighting Procedures:

NO

Unusual Fire/Explosion Hazard:

NO

Handling And Storage Precautions:

NO

Other Precautions:

NO

Waste Disposal Methods:

NO

Handling And Storage Precautions:

NO

Other Precautions:

NO

Extinguishing Media:

NO

Fire Fighting Procedures:

NO

Unusual Fire/Explosion Hazard:

NO

Handling And Storage Precautions:

NO

Other Precautions:

NO

Extinguishing Media:

NO

Fire Fighting Procedures:

NO

Unusual Fire/Explosion Hazard:

NO

Handling And Storage Precautions:

NO

Other Precautions:

NO

Extinguishing Media:

NO

Fire Fighting Procedures:

NO

Unusual Fire/Explosion Hazard:

NO

Handling And Storage Precautions:

NO

Other Precautions:

NO

Extinguishing Media:

NO

Fire Fighting Procedures:

NO

Unusual Fire/Explosion Hazard:

NO

Handling And Storage Precautions:

NO

Other Precautions:

NO

Extinguishing Media:

NO

Fire Fighting Procedures:

NO

Unusual Fire/Explosion Hazard:

NO

Handling And Storage Precautions:

NO

Other Precautions:

NO

Extinguishing Media:

NO

Fire Fighting Procedures:

NO

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