

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-176/17636-10-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
17636-10-1

Code:
M

RTECS:
TZ6655600

Code:
M

Name:
SODIUM MERCAPTO PROPANE SULFONATE

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
USE ACID GAS RESPIRATOR WITH ORGANIC CARTRIDGE IF ROOM IS NOT WELL VENTILATED.

Ventilation:
LOCAL EXHAUST TO KEEP BELOW TLV. ROOM SHOULD HAVE MECHANICAL VENTILATION OF 10-12 ROOM VOLUME CHANGES PER HOUR.

Protective Gloves:
BUTYL RUBBER

Eye Protection:
SAFETY GOGGLES.

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
WASH HANDS THOROUGHLY BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health:
KEY1:C3. THIS IS A PART B OF A KIT. THIS PRODUCT CONTAINS A HAZARDOUS CHEMICAL ACCORDING TO FEDERAL HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT)=3310 MG/KG.(ACETIC ACID)

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: CAUSES IRRITATION AND BURNS TO EYES AND SKIN. UPPER RESPIRATORY IRRITATION. IF INGESTED, CAUSES SEVERE INJURY, BURNS TO THE MOUTH, THROAT, ESOPHAGUS AND STOMACH. CHRONIC: MIST OR VAPOR CAUSES CHRONIC INFLAMMATION TO UPPER RESPIRATORYTRACT IRRITATION AND CHRONIC BRONCHITIS. SKIN DERMATITIS.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
COUGHING, SNEEZING, IRRITATION TO UPPER RESPIRATORY TRACT, SORE THROAT, VOMITING, DIARRHEA.

Medical Cond Aggravated By Exposure:
INDIVIDUALS WITH SKIN DISORDER OR PREVIOUS HISTORY OF UPPER RESPIRATORY PROBLEMS MAY BE AT HIGHER RISK OF INFECTIONS.MAY CAUSE SKIN DERMATITIS AND CHRONIC BRONCHITIS.

First Aid:
INHALATION:REMOVE TO FRESH AIR GIVE OXYGEN, PERFORM CPR IF NOT BREATHING. EYES: FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: FLUSH SKIN WITH WATER THEN WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION. INGESTION: GIVE 3 OR 4 GLASSES OF EITHER MILK OR WATER, DONT NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION AT ONCE.

Spill Release Procedures:
4 NEUTRALIZE WITH SODIUM CARBONATE OR BICARBONATE. SWEEP AND CONTAIN IN APPROPRIATE CONTAINER, RINSE NEUTRALIZED SOLUTION TO SEWER IF PERMITTED BY STATE, FEDERAL AND LOCAL AUTHORITIES.

Neutralizing Agent:
SODIUM CARBONATE OR BICARBONATE.

Waste Disposal Methods:
SOLUTION IS BIODEGRADABLE AND CAN BE DISPOSED OF BY INCINERATION. TREAT AND DISCHARGE OF ACCORDING TO LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions:
STORE IN A DRY COOL PLACE AWAY FROM OXIDIZING MATERIALS AND STRONG ALKALIS. USE NIOSH APPROVED ACID ORGANIC VAPOR RESPIRATOR IF NEEDED.

Other Precautions:
HANDLE WITH CARE. AVOID PHYSICAL DAMAGE TO CONTAINER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
NONE-FLAMABLE. USE EXTINGUISHING MEDIA PROPER TO PRIMARY SOURCE OF FIRE

Fire Fighting Procedures:
WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:
MAY PRODUCE TOXIC FUMES AND HAZARDOUS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F,>100C

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN 6

Volatile Org Content %:

Spec Gravity:
1.134

VOC Pounds/Gallon:

PH: 2-3

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
1 (WATER = 1)

Solubility in Water:
COMPLETELY SOLUBILE

Appearance and Odor:
COLORLESS TO LIGHT LIQUID, SLIGHT ODOR.

Percent Volatiles by Volume:
83%

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NOT APPLICABLE

Materials To Avoid:
NOT APPLICABLE

Hazardous Decomposition Products:
INTENSE HEAT OR FIRE WILL PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

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