

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-149/149-30-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

149-30-4

Code:

M

RTECS:

DL6475000

Code:

M

Name:

MERCAPTOBENZOTHIAZOLE (MBT) Environmental Wt: O

Other REC Limits:

N/P

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 MISTS CONDITIONS, USE A NIOSH-APPROVED RESPIRATOR FOR MISTS.

Ventilation:

LOCAL EXHAUST PREFERABLE. 5

Protective Gloves:

RUBBER,PVC.

Eye Protection:

GOOGLES.

Other Protective Equipment:

Equipment BOOTS AND APRON. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING AND BEFORE SMOKING OR EATING. LAUNDER CONTAMINATED CLOTHING. DISCARD CONTAMINATED SHOES.

Supplemental Safety and Health:

MSDS UNDATED

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.

Explanation Of Carcinogenicity:

N/R

Signs And Symptoms Of Overexposure:

EYES: SEVERE BURNS. POSSIBLE PERMANENT TISSUE DAMAGE AND POSSIBLE BLINDNESS. SKIN: SEVERE IRRITATION. POSSIBLE CHEMICAL BURNS AND POSSIBLE PERMANENT TISSUE DAMAGE.

Medical Cond Aggravated By Exposure:

NONE.

First Aid:

EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING & SHOES. FLUSH WITH LARGE AMOUNTS OF WATER UNTIL SLIPPERY FEEL IS GONE, AT LEAST 15 MIN. IF IRRITATE AIR. GIVE OXYGEN/CPR IF NEEDED; INGEST: GET MEDICAL ATTENTION.

Spill Release Procedures:

CONTAIN SPILLS LEAK AT SOURCE. VENTILATE AREA. EVACUATE PERSONNEL. PUMP LIQUID INTO DOT-APPROVED DRUMS FOR DISPOSAL. ABSORB REMAINING LIQUID IN INERT ABSORBENT AND PLACE IN DOT-APPROVED DRUMS FOR DISPOSAL. WASH AREA WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:

N/P 4

Waste Disposal Methods:

NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. (1) TRANSFER TO RECLAMING CENTER FOR RECYCLING OR REUSE, IF POSSIBLE. (2) TRANSFER TO LICENSED HAZARDOUS TREATMENT OR DISPOSAL SITE FOR DISPOSITION UNDER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN DRY PROTECTED AREA. MIXING: ADD SLOWLY TO LUKE WARM WATER WHILE MIXING. NEVER DUMP LARGE AMOUNTS INTO WATER. VIOLENT STEAM ERUPTION MAY OCCUR.

Other Precautions:

MAKE ADDITIONS TO IN-USE TANK SLOWLY AND CAUTIOUSLY. REPAIR AND MAINTENANCE: CLEAN BY FLUSHING WITH WATER. COLLECT FLUSHING FOR DISPOSAL. USE PROTECTIVE EQUIPMENT FOR EYES, SKIN AND INHALATION.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/A

Flash Point Text:

NONE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:

WEAR SELF-CNTD BRTHG, APP H*20 SPRAY TO COOL CONTR.

Unusual Fire/Explosion Hazard:

NONE NOTED BY MANUFACTURER.

Physical/Chemical Properties

HCC:

B1

NRC/State LIC No:

N/A

Net Prop WT For Ammo:

N/A

Boiling Point:

=107.2C, 225.F

B.P. Text:

N/A

Melt/Freeze Pt:

N/A

M.P./F.P Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

1.02

VOC Pounds/Gallon:

N/A

PH: 10.1**VOC Grams/Liter:**

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

1.0(WATER=1) 6

Solubility in Water:

COMPLETE

Appearance and Odor:

CLEAR YELLOW LIQUID. MILD ORGANIC ODOR

Lower Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/R

Decomposition Temperature:

N/A

Reactivity Data**Stability Indicator:**

YES

Stability Condition To Avoid:

NONE KNOWN

Materials To Avoid:

AVOID CONTACT WITH STRONG ACIDS AND OXIDIZERS.

Hazardous Decomposition Products:

MAY INCLUDE SOME TOXIC FUMES OR GASES.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

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

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