

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-86/86-93-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
86-93-1
Code:
M

RTECS:
XF7700000
Code:
M

Name:
1-PHENYL-1H-TETRAZOLA-5-THIOL (1-PHENYL-5-MERCAPT

Other REC Limits:
NOT ESTABLISHED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR IF PEL/TLV IS EXCEEDED OR IF LOCAL EXHAUST IS UNAVAILABLE DURING MIXING.

Ventilation:
NORMAL ROOM VENTILATION IS SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST WHEN DOING INITIAL MIXING.

Protective Gloves:
RUBBER,VINYL,OTHER IMPERVIOUS

Eye Protection:
SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:
Equipment EYE WASH STATION SAFETY SHOWER. USE APRON AND FACE SHIELD WHEN MIXING LIQUIDS OR IF SPLASHING IS LIKELY.

Work Hygienic Practices:
USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health:
ILFORD STOCK NUMBER MG9112312 (5 GALLON) TO MAKE 20 GALLON. MSDS ALSO COVERS STOCK NUMBERR MG9112302, 4X5 QUART. COD = 250 GM OXYGEN/L PART A. ALSO SEE ADD.DATA.

Health Hazards Data

LD50LC50Mixture:
UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
PRODUCT MAY CAUSE EYE, SKIN & G/I TRACT IRRITATION. IT IS CONSIDERED A LOW HAZARD FOR NORMAL INDUSTRIAL HANDLING.

Explanation Of Carcinogenicity:
THIS PRODUCT CONTAINS NO INGREDIENT LISTED AS CARCINOGEN BY IARC,NTP, OR OSHA.

Signs And Symptions Of Overexposure:
EYE:CAUSES IRRITATION SKIN:CAUSES IRRITATION. INHALED:MAY CAUSE IRRITATION IF DUST OR MIST IS INHALED. INGESTED:MAY BE HARMFUL IF SWALLOWED. HMIS:MAY CAUSE G/I IRRITATION,NAUSEA,VOMITING.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER. 3

First Aid:
EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH SKIN WITH SOAP AND WATER. INHALED: REMOVE TO FRESH AIR. INGESTED:IF CONSCIOUS,GIVE 3-4 GLASSES OF WATE R. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL CARE.

Spill Release Procedures:
NEUTRALIZE AND FLUSH TO DRAIN OR RECOVER LIQUID THEN NEUTRALIZE.

Neutralizing Agent:
ACETIC ACID FOLLOWED BY SODIUM BICARBONATE

Waste Disposal Methods:
DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS. MFR SUGGESTS FLUSH TO SEWER IF PERMITTED.

Handling And Storage Precautions:
STORE IN A COOL,DRY,WELL VENTILATED AREA. KEEP TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM ACIDS.

Other Precautions:
READ LABEL THEN FOLLOW INSTRUCTIONS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NON-FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
USE MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE. 4

Unusual Fire/Explosion Hazard:
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

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

Melt /Freeze Pt:

M.P/F.P Text:
UNKNOWN 5

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
1.020

VOC Pounds/Gallon:

PH: 12

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOW

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR COLORLESS TO LIQUID, SLIGHT ODOR

Percent Volatiles by Volume:
93 WT

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NO INFORMATION GIVEN BY MANUFACTURER

Materials To Avoid:
MINERAL ACIDS

Hazardous Decomposition Products:
CARBON DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES, AMMONIA

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

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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WARRANTY
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