

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/110-66-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
110-66-7

Code:
M

RTECS:
SA3150000

Code:
M

Name:
AMYL MERCAPTAN (THIS ITEM HAS PRBABLY BEEN PUT IN

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:
NOT NEEDED IN NORMAL SERVICE.

Ventilation:
USE GENERAL DILUTION VENTILATION.

Protective Gloves:
NOT NEEDED IN NORMAL SERVICE.

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
EXECISE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health:
MSDS STATES THAT THIS ITEM IS "STENCHED BUTANE",WHICH PROBABLY REFERS TO PENTALARM(1-PENTANETHIOL) HAVING BEEN ADDED IN TRACE AMOUNTS TO CREATE THE CHARACTERISTIC GAS ODOR. 3

Health Hazards Data

LD50LC50Mixture:
TLV IS 800PPM

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES:LIQUID MAY CAUSE BURNS.(FP-D)SKIN:LIQUID MAY CAUSE FROSTBITE.(FP-D)INGEST:UNLIKELY ROUTE OF EXPOSURE.THIS IS A GAS.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS EFFECTS.

Explanation Of Carcinogenicity:
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptions Of Overexposure:
INHAL:DIZZINESS,HEADACHES,ANETHETIC IN HIGH CONCENTRATIONS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
SKIN:NONE SPECIFIED.EYES:NONE SPECIFIED.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.GET IMMEDIATE MEDICAL ATTENTION.INGEST:UNLIKELY ROUTE OF EXPOSURE.

Spill Release Procedures:
ELIMINATE SOURCES OF IGNITION.EVACUATE PERSONNEL.VENTILATE AREA.S FLOW AT THE SOURCE.

Neutralizing Agent:
NOT APPLICABLE.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
2 STORE BELOW 120F IN A WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:
MAINTAIN GOOD VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
-101F,-74C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
1

Upper Limits:
8.4

Extinguishing Media:
CRY CHEMICAL OR CARBON DIOXIDE AFTER THE FLOW HAS SPED.

Fire Fighting Procedures:
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:
CONTAINERS MAY BURST FROM HEAT OF FIRE.VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.

Physical/Chemical Properties

HCC:
G2

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
31.0F,-0.6C

Melt/Freeze Pt:

M.P/F.P Text:
N/R

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
17PSIG

Vapor Density:
2.0

Volatile Org Content %:

Spec Gravity:
0.58

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
FLASH EVAPORATES

Solubility in Water:
NEGLIGIBLE

Appearance and Odor:
COLORLESS LIQUIFIED COMPRESSED GAS,CHARACTERISTIC ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH HEAT,SOURCES OF IGNITION.

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

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