

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-414/41484-35-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
41484-35-9

Code:
F

RTECS:
DA8342500

Code:
T

Name:
THIODIETHYLENE BIS(3,5-DI-TERT-BUTYL-4-HYDROXYHYD

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:
USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST/MIST CARTRIDGE IS RECOMMENDED EXPOSURE LIMIT IS EXCEEDED. SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR CONFINED SPACE ENTRY.

Ventilation:
USE IN AREAS OF ADEQUATE VENTILATION. USE MECHANICAL EXHAUST TO CONTROL VAPORS OR MISTS.

Protective Gloves:
USE NITRILE OR NEOPRENE GLOVES ARE RECOMMENDED. 4

Eye Protection:
SAFETY GLASSES, GOGGLES, OR FACE SHIELD ARE RECOMMENDED

Other Protective Equipment:
Equipment LONG SLEEVE SHIRT AND APRON WHEN POTENTIAL FOR SKIN CONTACT. WEAR NEOPRENE OR NITRILE RUBBER BOOTS WHEN NECESSARY TO AVOID CONTAMINATING SHOES.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
EYES-MAY CAUSE EYE IRRITATION IF SPLASHED IN EYES. SKIN-REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION WHICH MAY LEAD TO VARIOUS SKIN DISORDERS. INHALED-MAY CAUSE MILD IRRITATION OF THE RESPIRATOR Y SYSTEM. INGESTED-MAY CAUSE NAUSEA, DIARRHEA AND STOMACH DISCOMFORT.

Explanation Of Carcinogenicity:
THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA.

Signs And Symptions Of Overexposure:
EYES-IRRITATION. SKIN-IRRITATION. INHALED-RESPIRATORY IRRITATION. INGESTED-NAUSEA, DIARRHEA & STOMACH DISCOMFORT.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE 2 GLASSES OF WATER.GET IMMEDIATE MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYE IRRITATION DEVELOPS OR PERSISTS. SKIN-WASH IMMEDIATELY WITH SOAP & WATER. REMOVE SOILED CLOTHES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDER CONTAMINATED CLOTHES. INHALED-REMOVE TO FRESH AIR. IF BREATHING LABOR ED, GIVE OXYGEN & GET IMMEDIATE MEDICAL ATTENTION. 3

Spill Release Procedures:
EVACUATE ALL NON-ESSENTIAL PERSONNEL. PERSONAL PROTECTIVE EQUIPMENT MUST BE WORN. REMOVE SOURCES OF IGNITION. PREVENT ENTRY INTO SEWERS & WATERWAYS. CONTAIN RELEASE, PICK UP FREE LIQUID FOR RECYCLING OR DISPOSAL. RESIDUAL LIQUID CAN BE ADBORBED WITH INERT MATERIAL. CHECK DOT/CERCLA AND OTHER AGENCIES FOR REPORTING REQUIREMENTS. PREVENT CONTAMINATION TO SOIL, WATERWAYS AND SEWER SYSTEMS.

Neutralizing Agent:
N/P

Waste Disposal Methods:
CONSULT FEDERAL,STATE AND LOCAL REGULATIONS REGARDING DISPOSAL METHODS. RECYCLE USED OIL. DO NOT CONTAMINATE USED OIL WITH SOLVENTS OR OTHER CHEMICALS.

Handling And Storage Precautions:
USE WITH ADEQUATE VENTILATION WEAR RECOMMENDED PROTECTIVE EQUIPMENT. EMPTY CONTAINERS RETAIN MATERIAL RESIDUE. DO NOT CUT, WELD, BRAZE, SOLDER OR EXPOSE CONTAINERS TO OTHER IGNITION SOURCES. STORE IN CONTAINERS OF PROPER CONSTRUCTION. STORE AWAY FROM IGNITION SOURCES AND IN AREAS OF GOOD VENTILATION

Other Precautions:
AVOID PROLONGED SKIN CONTACT, BREATHING VAPORS AND CONTAMINATED CLOTHING. USE WITH ADEQUATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:
>200.C, 392.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:

Upper Limits:

Extinguishing Media:
CARBON DIOXIDE, DRY CHEMICAL, OR FOAM. AVOID USING WATER.

Fire Fighting Procedures:
RECOMMEND SCBA.

Unusual Fire/Explosion Hazard:
USE WATER ONLY FOR COOLING CONTAINER. WATER MAY CAUSE SPLATTERING, OR TRANSPORT THE FLAME.

Physical/Chemical Properties

HCC:
V6

NRC/State LIC No:
N/P

Net Prop WT For Ammo:

Boiling Point:
>300.C, 572.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
<0.01MM HG@20C

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
0.854

VOC Pounds/Gallon:

PH: N/D

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
LESS THAN ETHER

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
RED OILY LIQUID, PETROLEUM ODOR

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
N/P

Stability Condition To Avoid:
MATERIAL IS NORMALLY STABLE AT AMBIENT TEMPERATURE AND PRESSURE.

Materials To Avoid:
OXIDIZING AGENTS. DO NOT HEAT ABOVE THE FLASH POINT.

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR.

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
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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