

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-67/67-43-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
67-43-6
Code:
M

RTECS:
MB8205000
Code:
M

Name:
DIETHYLENETRIAMINEPENTAACITIC ACID/PENTETIC ACID

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:
IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW TLV, A NIOSH-APPROVED DUST RESPIRATOR MUST BE WORN. IF FORMALDEHYDE TS EMITTED, WEAR FULL FACEPIECE WITH CARTRIDGES APPROVED BY NIOSH FOR PROTECTION AGAINST FORMALDEHYDE.

Ventilation:
GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT. TYPICALLY, 10 ROOM VOLUMES PER HR IS CONSIDERED GOOD GENERAL VENTILATION.

Protective Gloves:
RUBBER/LATEX

Eye Protection:
SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

Other Protective Equipment:
Equipment EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:
KEY1:T4. SEE PNI C FOR PART B. ECOLOGICAL INFORMATION: THIS MATERIAL IS EXPECTED TO HAVE THE FOLLOWING PROPERTIES: A HIGH BIOCHEMICAL OXYGEN DEMAND, A HIGH POTENTIAL TO AFFECT AQUATIC ORGANISMS. AFTER DILUTION WITH WATER, FOLLOWED BY WASTETREATMENT, IT IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENT EFFECTS

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- INHALE:HARMFUL IF INHALED. IF SULFUR DIOXIDE IS RELEASED, CAUSES IRRITATION. AIRBORNE DUST IRRITATING. EYE/SKIN:CAUSES IRRITATION. MAY CAUSE AL LERGIC SKIN REACTION. ORAL:HARMFUL IF SWALLOWED. CHRONIC- REPEATED EXPOSURE TO DUST MAY CAUSE EYE INJURY.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION, ALLERGIC SKIN REACTION, EYE INJURY, NAUSEA, VOMITING, PAIN

Medical Cond Aggravated By Exposure:
INDIVIDUALS WITH PRE-EXISTING SKIN DISORDERS OR SOME ASTHMATICS OR HYPERSENSITIVE INDIVIDUALS MAY BE MORE SUCCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

First Aid:
GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. 4

Spill Release Procedures:
FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED OR SWEEP UP AND PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION. AVOID RAISING DUST.

Neutralizing Agent:
NOT RELEVANT

Waste Disposal Methods:
DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF ALLOWED.

Handling And Storage Precautions:
STORE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. THE ROUTINE USE OF A NONALKALINE (ACID) TYPE OF HAND CLEANER AND REGULAR CLEANING OF WORKING SURFACES WILL MINIMIZE SKIN REACTION.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:
WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:
5 POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES.

Physical/Chemical Properties

HCC:
T4

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R 6

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
NEGIGIBLE

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
UNKNOWN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
NOT RELEVANT

Evaporation Rate & Reference:
NOT RELEVANT

Solubility in Water:
APPRECIABLE

Appearance and Odor:
COLORLESS SOLID - ODORLESS

Percent Volatiles by Volume:
NEGLIG

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF SULFUR AND FORMALDEHYDE

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