

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

ACGIH STEL:

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 IS 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 PNC 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 WASTEWATER TREATMENT, IT IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENT EFFECTS

Health Hazards Data

LD50/LC50 Mixture:

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 ALERGIC SKIN REACTION. ORAL: HARMFUL IF SWALLOWED. CHRONIC- REPEATED EXPOSURE TO DUST MAY CAUSE EYE INJURY.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms 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 SUSCEPTIBLE 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:

N/A

Flash Point Text:

NONE

Autoignition Temp:

N/R

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:

T

NRC/State LIC No:

NOT RELEVANT

Net Prop WT For Ammo:

N/P

Boiling Point:

N/R

B.P. Text:

N/R

Melt/Freeze Pt:

N/R

M.P./F.P. Text:

UNKNOWN

Decomp Temp:

N/R

Decomp Text:

UNKNOWN

Vapor Pres:

NEGIGIBLE

Vapor Density:

N/R

Volatile Org Content %:

UNKNOWN

Spec Gravity:

UNKNOWN

VOC Pounds/Gallon:

N/P

PH:

N/K

VOC Grams/Liter:

N/P

Viscosity:

NOT RELEVANT

Evaporation Rate & Reference:

NOT RELEVANT

Solubility in Water:

APPRECIABLE

Appearance and Odor:

COLORLESS SOLID-ODORLESS

Percent Volatiles by Volume:

NEGIG

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:

N/P