

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-140/140-01-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
140-01-2

Code:
M

RTECS:

Code:
X

Name:
DIETHYLENETRIAMINEPENTAACETIC ACID PENTASODIUM SA

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:
NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED DUST RESPIRATOR MUST BE WORN.

Ventilation:
GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:
WEAR IMPERVIOUS GLOVES.

Eye Protection:
SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:
Equipment ROUTINE USE OF A NON-ALKALINE TYPE SKIN CLEANER WILL MINIMIZE POSSIBILITY OF ALLERGIC SKIN REACTION.

Work Hygienic Practices:
WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
UNIT ISSUE OF THIS PRODUCT MAKES 1-GALLON OF WORKING SOLUTION. SEE, THIS SAME NSN, P/N INDICATOR-W FOR "WORKING SOLUTION" DATA.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS NOT ESTABLISHED.

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: CAUSES IRRITATION. SKIN: CAUSES IRRITATION. CAN CAUSE ALLERGIC SKIN REACTION. INHALATION: LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: MAY BE HARMFUL IF SWALLOWED.

Explanation Of Carcinogenicity:
NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:
EYES: IRRITATION. SKIN: IRRITATION, ALLERGIC SKIN REACTION. INHALATION: LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: MAY BE HARMFUL IF SWALLOWED.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS PERSISTS, GET MEDICAL ATTENTION. SKIN: FLUSH AREA WITH WATER AND WASH WITH A NON-ALKALINE (ACID) TYPE SKIN CLEANER. IF IRRITATION OR ALLERGIC REACT ION DEVELOPS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. GET MEDICAL ATTENTION. 4

Spill Release Procedures:
FLUSH TO AN ACID-FREE SEWER WITH LARGE AMOUNTS OF WATER. DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE, OR LOCAL LAWS.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

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

Handling And Storage Precautions:
KEEP FROM CONTACT WITH OXIDIZING MATERIALS. KEEP CONTAINERS TIGHTLY CLOSED AND AWAY FROM ACIDS.

Other Precautions:
EXPECTED TO HAVE MODERATE BOD. EXPECTED TO HAVE HIGH POTENTIAL TO AFFECT AQUATIC ORGANISMS AND WASTE TREATMENT MICROORGANISMS. A FINAL CONCENTRATION OF 0.05 MG/L IS NOT EXPECTED TO CAUSE AN ADVERSE EN VIRONMENTAL EFFECT AFTER TREATMENT.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONCOMBUSTIBLE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
NONCOMBUSTIBLE SOLID. USE APPROPRIATE AGENT FOR SURROUNDING FIRE.

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:
FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS. 5

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M,P/F,P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN 6

Vapor Pres:
NEGLEGIBLE

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
UNKNOWN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NEGLEGIBLE

Solubility in Water:
APPRECIABLE

Appearance and Odor:
YELLOW POWDER, ODORLESS.

Percent Volatiles by Volume:
NEG

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
FIRE AND EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG ACIDS

Hazardous Decomposition Products:
THERMAL DECOMPOSITION MAY PRODUCE OXIDES AND OXIDES OF SULFUR.

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 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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