

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-208/20824-56-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

20824-56-0

Code:

M

RTECS:**Code:**

X

Name:

DIAMMONIUM ETHYLENEDIAMINE TETRAACETIC 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:

NOT NEEDED IN NORMAL SERVICE.

Ventilation:

USE GENERAL DILUTION VENTILATION.MFR RECOMMENDS 10 AIR CHANGES PER HOUR.

Protective Gloves:

IMPERVIOUS.

Eye Protection:

SAFETY GLASSES W/SIDESHIELDS OR GOGGLES

Other Protective Equipment:

Equipment PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:

WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health:

NONE

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50 (RAT) IS 0.5-5 G/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYES: MAY CAUSE IRRITATION.SKIN: LOW HAZARD FOR EXPECTED HANDLING.INGEST: EXPECTED TO BE A LOW INGESTION HAZARD.INHAL: EXPECTED TO BE A LOW HAZARD FOR NORMAL SERVICE.

Explanation Of Carcinogenicity:

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

Signs And Symptoms Of Overexposure:

EYES: TRANSCIENT IRRITATION.

Medical Cond Aggravated By Exposure:

UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS UNDER NORMAL CONDITIONS OF USE. 3

First Aid:

SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER.GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.EYES:FLUSH WITH WATER FOR 15 MINUTES.IF SYMPTOMS OCCUR,GET MEDICAL ATTENTION.INHAL: REMOVE TO FRESH AIR .GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST: DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,DRINK 1-2 GLASSES OF WATER.

Spill Release Procedures:

SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.SMALL SPILLS CAN BE FLUSHED TO SEWER WITH PLENTY OF WATER.

Neutralizing Agent:

NONE

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM OXIDIZERS AND BASES.

Other Precautions:

AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NONE

Autoignition Temp:**Autoignition Temp Text:**

N/K

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,ALCOHOL FOAM.

Fire Fighting Procedures:

4 USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

FIRE MAY CAUSE PRODUCTION OF HAZARDOUS TOXIC FUMES.

Physical/Chemical Properties

HCC:

N1

NRC/State Lic No:

N/R

Net Prop WT For Ammo:**Spec Gravity:**

1.263

VOC Pounds/Gallon:**PH:**

7.1

VOC Grams/Liter:**Viscosity:**

N/K

Evaporation Rate & Reference:**Decomp Temp:**

Decomp Temp:

Decomp Text:**Vapor Pres:**

24

Vapor Density:

0.6

Volatile Org Content %:**Spec Gravity:**

1.263

Boiling Point:**B.P./F.C.:**

>212F,>100C

Melt/Freeze Pt:**Decomp Temp:**

Decomp Temp:

Decomp Text:**Decomp Temp:**

Decomp Temp: