

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-139/139-33-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
139-33-3  
**Code:**  
M

**RTECS:**  
AH4375000  
**Code:**  
M

**Name:**  
ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT

**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:**  
NOT REQUIRED.

**Ventilation:**  
LOCAL EXHAUST-NOT REQUIRED. MECHANICAL-GOOD ROOM VENTILATION, 10-12 ROOM VOLUME CHANGES PER HOUR.

**Protective Gloves:**  
IMPERVIOUS GLOVES.

**Eye Protection:**  
SAFETY GOGGLES.

**Other Protective Equipment:**  
Equipment NONE SPECIFIED BY MANUFACTURER. 4

**Work Hygienic Practices:**  
NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:**  
UNDER CONDITIONS OF TYPICAL USE, THIS PRODUCT DOES NOT PRESENT A SERIOUS HAZARD. \*\*\*ITEM CANCELLED WITHOUT REPLACEMENT\*\*\* CANCELLATION DATE 92061 \*\*\*

## Health Hazards Data

**LD50LC50Mixture:**  
TLV: HYDROQUINONE 2 MG/M3 OSHA PEL

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: EYES-IRRITATION. SKIN-IRRITATION PROLONGED CONTACT MAY CAUSE DERMATITIS. INHALATION-LOW HAZARD WITH TYPICAL HANDLING AND USE. CHRONIC: NOT KNOWN.

**Explanation Of Carcinogenicity:**  
THIS PRODUCT HAS NO CARCINOGENS CONTAINED ON NTP, OSHA AND IARC MONOGRAPH LISTINGS.

**Signs And Symptoms Of Overexposure:**  
INGESTION-MAY INDUCE TINNITIS, NAUSEA, DIZZINESS, VOMITING, PALLOR OR INCREASED RESPIRATION RATE.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
EYES-FLUSH EYES WITH WATER FOR 15 MIN. GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHING ABD WASH AFFECTED AREAS WITH SOAP & WATER. IF IRRITATION PERSISTS/DERMATITIS, GET MEDICAL ATTENTION. WAS H CONTAMINATED CLOTHING BEFORE REUSE. INGESTION-IF CONSCIOUS, GIVE 3-4 GLASSES OF WATER. INDUCE VOMITING. GET MEDICAL ATTENTION.

**Spill Release Procedures:**  
FLUSH SMALL QUANTITIES TO SEWER WITH LARGE AMOUNTS OF WATER. CONTAIN AND ABSORB LARGE SPILLS, SWEEP UP AND PLACE IN DOT APPROVED RECEPTICLES. 3

**Neutralizing Agent:**  
N/R

**Waste Disposal Methods:**  
DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO LIMITATIONS IMPOSED BY FEDERAL, STATE OR LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
TO USE PRODUCT SAFELY, READ MSDS, LABELS AND INSTRUCTIONS AND CARRY OUT APPROPRIATE PRECAUTIONS. STORE IN A COOL DRY AREA AWAY FROM ACIDS.

**Other Precautions:**  
THIS CHEMICAL FORMULATION HAS NOT BEEN TESTED FOR HEALTH EFFECTS. THEREFORE, EXPOSURE EFFECTS LISTED ARE BASED ON EXISTING HEALTH HAZARD DATA FROM INDIVIDUAL COMPONENTS WHICH COMPRISE THE NIXTURE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NOT FLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
USE MEDIA PROPER TO PRIMARY SOURCE OF FIRE.

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

**Unusual Fire/Explosion Hazard:**  
FIRE AND EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

## Physical/Chemical Properties

**HCC:**  
B3

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>212F,>100C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
<32F,<0C

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
AS WATER

**Vapor Density:**  
AS WATER

**Volatile Org Content %:**

**Spec Gravity:**  
1.215

**VOC Pounds/Gallon:**

**PH:** 10.2

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
SLOW

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
LIGHT YELLOW COLOR WITH SLIGHT ODOR.

**Percent Volatiles by Volume:**  
65%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE.

**Materials To Avoid:**  
STRONG ACIDS AND OXIDIZERS.

**Hazardous Decomposition Products:**  
OXIDES OF SULFUR.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE.

## 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

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

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.

**LookChem**<sup>TM</sup>  
Look for Chemicals  
[www.lookchem.com](http://www.lookchem.com)