

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-596/5964-35-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

5964-35-2

**Code:**

M

**RTECS:**

MC0639500

**Code:**

M

**Name:**

TETRAPOTASSIUM ETHYLENEDIAMINETETRAACETIC ACID

**Other REC Limits:**

NONE RECOMMENDED 3

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NONE SHOULD BE NEEDED.

**Ventilation:**

GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS

**Protective Gloves:**

IMPERVIOUS GLOVES.

**Eye Protection:**

SAF GLASSES W/SIDE SHIELDS,GOG,FACESHIEL

**Other Protective Equipment:**

Equipment EYEBATH, WASHING FACILITIES, SAFETY SHOWER, PROT CLOTH APPROPR FOR EXPO RISK.

**Work Hygienic Practices:**

WASH HANDS WELL AFT HANDLING.ROUTINE USE OF NONALKALINE(ACID)TYP HANDCLEANER/REG WORKSURFACE/EQPMT CLEANING MIN SKIN RX.

**Supplemental Safety and Health:**

OTHER PRECAUT:MICROBIAL RESP, MOD POT TO AFFECT GERMIN/GROWTH OF PLANTS,HI POT TO BIODEGRADE (LOW PERSISTENCE)W/UNACCLIMATED MICROORGANISMS FROM ACTIVATED SLUDGE,LOW POT TO BIOCONC.DILUTES W/LG WATER A MT & 2ND WASTE TREAT MATL NOT EXPECTED TO CAUSE ADVERSE ENVIRO EFFECTS. 5GALLONS.

## Health Hazards Data

**LD50/LC50 Mixture:**

UNKNOWN

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INHAL:EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES:CAUSES BURNS. SKIN:CAUSES BURNS. MAY CAUSE ALLERGIC SKIN REACTION. INGEST:HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF THE GASTROINTESTINAL TRACT IF SWALLOWED.

**Explanation Of Carcinogenicity:**

PER MSDS:CARCINOGENICITY CLASSIFICATION:IARC/ACGIH/NTP/OSHA:NONE.

**Signs And Symptoms Of Overexposure:**

EYE BURNS. SKIN BURNS. ALLERGIC SKIN REACTION. BURNS OF GASTROINTESTINAL TRACT.

**Medical Cond Aggravated By Exposure:**

NONE SPECIFIED BY MANUFACTURER.

**First Aid:**

INHAL:IF SYMPTOMATIC MOVE TO FRESH AIR. GET MED ATTN IF SYMPTOMS PERSIST. EYES:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS. GET MED ATTN IMME. SKIN:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS WHILE REMOVING CONTAMIN CLOTH/SHOES. GETMED ATTN IMMED. INGEST:DONOT INDUCE VOMIT. GIVE A GLASS OF WATER. NEVER GIVE ANYTHING BY MOUTH IF UNCONSC. CALL PHYSICIAN OR POISON CONTROL CENTER IMMED.

**Spill Release Procedures:**

FLUSH TO SEWER W/LG AMTS OF WATER.OTHERWISE ABSORB W/VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN CONTAINER FOR CHMICAL WASTE. CLEAN SURFACE THOROUGHLY TO 4 REMOVE RESIDUAL CONTAMINATION.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DISCHARGE/TREATMENT/DISPOSAL MAY BE SUBJECT TO NATIONAL/STATE/LOCAL LAWS. FLUSH TO SEWER W/LG AMTS OF WATER. CHEM SUBJECT TO REPORTING REQMTS OF SEC 313 OR TIT III OF SARA & 40 CFR 372:HYDROQUINONE.

**Handling And Storage Precautions:**

DO NOT GET IN EYES/SKIN/CLOTH.USE W/ADEQU VENTI.KEEP CONTIANER CLOSED.KEEP AWAY FROM INCOMPATIBLE SUBSTACES.

**Other Precautions:**

MATL STRONGLY ALKALINE AQU SOLN;MAY CAUSE ADVERSE ENVIRO EFFECTS-HAS NOT BEEN TESTED FOR SUCH.LOW BIOCHEM OXY DEMAND,LITTLE POT TO CAUSE OXY DEPLETION IN AQU SYS,HI POT TO AFFECT AQU ORGANISMS,MOD POT TO AFFECT 2ND WASTE TREAT(SUPPLEMENTAL)

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

NONCOMBUSTIBLE

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/A

**Upper Limits:**

N/A

**Extinguishing Media:**

USE APPROPRIATE AGENT FOR ADJACENT FIRE.

**Fire Fighting Procedures:**

WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

**Unusual Fire/Explosion Hazard:**

NONE.

## Physical/Chemical Properties

**HCC:**

B1

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:**

UNKNOWN

**Boiling Point:**

NONCOMBUSTIBLE

**B.P. Text:**

>212F,>100C

**Melt/Freeze Pt:**

NONCOMBUSTIBLE

**M.P/F.P Text:**

N/K

**Decomp Temp:**

NONCOMBUSTIBLE

**Decomp Text:**

N/K

**Vapor Pres:**

18MM @20C

**Vapor Density:**

0.66

**Volatile Org Content %:**

1.215

**VOC Pounds/Gallon:**

PH: 13.0

**VOC Grams/Liter:**

NONCOMBUSTIBLE

**Viscosity:**

N/K

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

LIQUID, YELLOW COLOR, ODORLESS

**Percent Volatiles by Volume:**

70-75

**Corrosion Rate:**

N/K

**Stability Indicator:**

NONE

**Waste Disposal Methods:**

DISCHARGE/TREATMENT/DISPOSAL MAY BE SUBJECT TO NATIONAL/STATE/LOCAL LAWS. FLUSH TO SEWER W/LG AMTS OF WATER. CHEM SUBJECT TO REPORTING REQMTS OF SEC 313 OR TIT III OF SARA & 40 CFR 372:HYDROQUINONE.

**Handling And Storage Precautions:**

DO NOT GET IN EYES/SKIN/CLOTH.USE W/ADEQU VENTI.KEEP CONTIANER CLOSED.KEEP AWAY FROM INCOMPATIBLE SUBSTACES.

**Other Precautions:**

MATL STRONGLY ALKALINE AQU SOLN;MAY CAUSE ADVERSE ENVIRO EFFECTS-HAS NOT BEEN TESTED FOR SUCH.LOW BIOCHEM OXY DEMAND,LITTLE POT TO CAUSE OXY DEPLETION IN AQU SYS,HI POT TO AFFECT AQU ORGANISMS,MOD POT TO AFFECT 2ND WASTE TREAT(SUPPLEMENTAL)

## Reactivity Data

**Stability Indicator:**

NONCOMBUSTIBLE

**Stability Condition To Avoid:**

NONE SPECIFIED BY MANUFACTURER.

**Materials To Avoid:**

ACIDS.

**HAZARDous Decomposition Products:**

HAZ COMBUST PROD:NONE (NONCOMBUSTIBLE). HAZ DECOMP PROD:SULFUR DIOXIDE, CARBON MONOXIDE AND CARBON DIOXIDE

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NOT APPLICABLE

## Toxicological Information

**Information:**

N/P

**MSDS Transport Information:**

N/P

**Regulatory Information:**

N/P

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

**Other Information:**

N/P

**Other Information:**

N/P

**Other Information:**

N/P

**Other Information:</**