

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

ACGIHSTEL:
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

LD50LC50Mixture:
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 Symptions 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 SYMPTONS 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 VENTL.KEEP CONTIANER CLOSED.KEEP AWAY FROM INCOMPATIBLE SUBSTACES.

Other Precautions:
MATL STRONGLY ALKALINE AQU SOLN;MAY CAUSE ADVERSE ENVRIO 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:

Flash Point Text:
NONCOMBUSTIBLE

Autoignition Temp:

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 SSELF-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:

Boiling Point:

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

Melt /Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
18MM @20C

Vapor Density:
0.6 6

Volatile Org Content %:

Spec Gravity:
1.215

VOC Pounds/Gallon:

PH: 13.0

VOC Grams/Liter:

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

Reactivity Data

Stability Indicator:
YES

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

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