

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-256/25646-77-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
25646-77-9
Code:
M

RTECS:
KJ6477000
Code:
M

Name:
4-(ETHYL-N-2-HYDROXYETHYL)-2-METHYLPHENYLENEDIAM

Other REC Limits:
N/P

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1MG/CUM (H*2SO*4)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE SHOULD BE NEEDED

Ventilation:
MECHANICAL(GENERAL)RECOMMENDED.LOCAL EXHAUST IF NEEDED

Protective Gloves:
IMPERVIOUS 4

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment AS NECESSARY TO PREVENT SKIN CNTCT

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
ITEM IS A 3 PART KIT; THIS ENTRY DESCRIBES PART C OF OLD FORMULATION.EFFECTIVE DATE OF FORMULATION CHANGE IS NOT KNOWN; SOLUTION NO:3650, AND ACCESSION #UNKNOWN OF THIS PART; SEE PNI E FOR NEW FORMULA TION OF THIS PART; ALSO SEE PNI A, B,& D FOR OTHER PARTS; NOTE:CORR LIQ NOS IS BETTER THAN SULFURIC ACID,UN1830;KEY1:C1

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
N/P

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
NOT KNOWN

Explanation Of Carcinogenicity:
N/R

Signs And Symptoms Of Overexposure:
S LEAK WITHOUT RISK.EVACUATE UNPROTECTED PERSONS.NEUTRALIZE WITH SODIUM BICARBONATE.DILUTE WITH COPIOUS AMOUNTS OF WATER AND FLUSH TO SEWER IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL EFFLUENT LAWS.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INH: REMOVE FROM EXPOSURE. EYE: FLUSH IMMED W/PLENTY OF WATER. GET MD. SKIN: FLUSH IMMED W/PLENTY OF WATER.

Spill Release Procedures:
S LEAK WITHOUT RISK.EVACUATE UNPROTECTED PERSONS.NEUTRALIZE WITH SODIUM BICARBONATE.DILUTE WITH COPIOUS AMOUNTS OF WATER AND FLUSH TO SEWER IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL EFFLUENT LAWS.

Neutralizing Agent:
N/P

Waste Disposal Methods:
NEUTRALIZE WITH SODIUM BICARBONATE.DILUTE THEN FLUSH TO SEWER WITH COPIOUS AMOUNTS OF WATER.FEDERAL,STATE AND LOCAL EFFLUENT LAWS TAKE PRECEDENCE. 3

Handling And Storage Precautions:
STORE IN COOL,DRY,LOW FIRE RISK AREA.KEEP TIGHTLY SEALED.PROTECT FROM PHYSICAL DAMAGE.STORE AWAY FROM MINERAL ACIDS AND STRONG ALKALI.

Other Precautions:
ROUTINE USE OF NON-ALKALINE TYPE HAND CLEANER WILL HELP MINIMIZE POSS OF ALLERGIC SKIN RX.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:
NONE

Unusual Fire/Explosion Hazard:
NONE NOTED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F/100C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
17

Vapor Density:
0.6

Volatile Org Content %:

Spec Gravity:
1.08

VOC Pounds/Gallon:

PH: 2.0

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
REDDISH-BROWN, SULFUR DIOXIDE 5

Percent Volatiles by Volume:
62%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/P

Materials To Avoid:
MINERAL ACIDS STRONG ALKALI

Hazardous Decomposition Products:
SULFUR DIOXIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R

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
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