

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-524/5244-34-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
5244-34-8
Code:
M

RTECS:

Code:
X

Name:
2,2'-ETHYLENEDITHIODIETHANOL

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
UNKNOWN
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
UNKNOWN
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
5 AN APPROVED RESPIRATOR IF VENTILATION IS INADEQUATE

Ventilation:
GENERAL GOOD VENTILATION SHOULD BE SUFFICIENT

Protective Gloves:
IMPERVIOUS

Eye Protection:
CHEM GOGGLES/SAFETY GLASS

Other Protective Equipment:
Equipment AS NECESSARY TO PREVENT SKIN CONTACT

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
KEY1;PO1;ITEM IS 9 PARTS KIT;IT CONSISTS OF DEVL(PART A&B),BLEACH(PART A&B),FIRST DEVL, FIXER,CONDITIONER,REVERSAL BATH&STABILIZER;EFFECTIVE 12/27/82 KIT CAT#156 6538 WAS CHANGD TO 101 7433 THEN TO 106 3073;DURING 1985,KODAK AGAIN CHANGD TRADE NAME&CAT#;SEE PNI J THRU O FOR NEW KIT;THIS IS COLOR DEVELOPER,PART B.KEY1C3.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: SKIN/EYE IRRITATION

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
INH:SO*2 GAS CAUSES IRRIT;EYES/SKIN:LIQ CONTCT CAUSES IRRIT.REPEATD/PROLNGD CONTCT GIVE ALLERGIC ACT

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INH:REMOVE FROM EXPOSURE.GIVE CPR/OXY IF NEEDED & GET MED ATTN;EYES:FLUSH IMMED W/WATER FOR AT LEAST 15 MIN.GET MED HELP;SKIN:FLUSH IMMED W/PLENTY OF WATER FOR 15 MIN.FOR BURNS GET MED ATTN.

Spill Release Procedures:
4 ELIMINATE IGNITION SOURCES.USE PROTECTIVE EQUIPMENT TO PROTECT SKIN & EYES.DIKE LG SPILL.NEUTRALIZE WITH BAKING SODA,THEN PUMP INTO COVERED DRUMS OR DISPOSAL TANK.SMALL SPILL:ABSORB/CONTAIN SMALL SPIL L W/ABSORBENT & PLACE IN COVERED DRUMS.

Neutralizing Agent:
SODIUM BICARBONATE

Waste Disposal Methods:
KEEP IN COVERED CONTAINERS PENDING DISPOSAL.SHIP WASTE MATL TO DISPOSAL FACILITY IAW DOT/EPA REGS.HANDLE/DISPOSE IN FULL COMPLIANCE W/ALL INTNL,FED,STATE/LOCAL REGS;MFGR RECOMMENDS,FLUSH TO SEWER W/LG A MT OF WATER IAW FED,STATE/LOCAL EFFLUENTLAWS.

Handling And Storage Precautions:
KEEP TIGHTLY SEALED CONTAINERS.STORE AWAY FROM STRONG BASES IN CASE OF SPILL.

Other Precautions:
THE ROUTINE USE OF NON-ALKALINE(ACID)TYPE HAND CLEANR WILL REDUCE THE POSS OF ALLERGIC SKIN REACTION;APPROX PH:1.5

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/K

Upper Limits:
N/K

Extinguishing Media:
CO*2,DRY CHEM

Fire Fighting Procedures:
USE SELF-CONTND BRTHG APP;COOL EXPSD CONT W/WATER SPRAY.

Unusual Fire/Explosion Hazard:
LIBERATES SULFUR DIOXIDE.

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:
1.10. 6

VOC Pounds/Gallon:

PH: 1.5

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A

Solubility in Water:
COMPLETE

Appearance and Odor:
AMBER,SULFUR DIOXIDE ODOR.

Percent Volatiles by Volume:
80.0

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
UNK

Materials To Avoid:
AVOID MINERAL ACIDS,OXIDIZERS/FLAMM MATL,ETC

Hazardous Decomposition Products:
SULFUR DIOXIDE,NITROGEN,AMMONIA ETC

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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