

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/110-63-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
110-63-4
Code:
M

RTECS:
EK0525000
Code:
M

Name:
1,4-BUTANEDIOL

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR WHEN VAPOR/MIST EXPOSURE IS LIKELY.

Ventilation:
GENERAL MECHANICAL/LOCAL EXHAUST: REQUIRED.

Protective Gloves:
IMPERMEABLE

Eye Protection:
SPLASH-PROOF CHEMICAL GOGGLES. 3

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: IRRITATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
EYES: IRRITATION.

Medical Cond Aggravated By Exposure:
SKIN & EYE CONDITIONS

First Aid:
EYES: FLUSH IMMEDIATELY W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. GIVE OX YGEN & ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION IN ALL CASES. 2 REFERRAL TO PHYSICIAN IS RECOMMENDED IF THERE IS ANY QUESTION ABOUT THE SERIOUSNESS OF ANY INJURY.

Spill Release Procedures:
REMOVE SPILLAGE BY ABSORBING IN ABSORBENT MATERIAL.

Neutralizing Agent:
N/K

Waste Disposal Methods:
CONSULT QUALIFIED LOCAL OR CORPORATE PERSONNEL FOR METHOD THAT WILL COMPLY WITH LOCAL, STATE AND FEDERAL HEALTH AND ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions:
NUISANCE DUST MAY BE GENERATED WHEN SANDING OR SAWING CURED MATERIAL.

Other Precautions:
AVOID CONTACT W/EYES. HEATED PRODUCT MAY PRODUCE INHALABLE VAPORS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
>200F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
CO2, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:
USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.04-1.05

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
SLIGHT

Appearance and Odor:
RED OPAQUE LIQUID, W/SLIGHT STYRENE-LIKE ODOR.

Percent Volatiles by Volume:
NEGL

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXCESSIVE HEAT FOR PROLONGED PERIODS OF TIMES.

Materials To Avoid:
STRONG OXIDIZING AGENTS, ACIDS, &BASES

Hazardous Decomposition Products:
TOXIC MATERIALS SUCH AS CO, CO2

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