

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-208/2082-81-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2082-81-7
Code:
M
RTECS:

Code:
X
Name:
1,4-BUTANEDIOL DIMETHACRYLATE
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:
IF TLV IS EXCEEDED, CHEMICAL CARTRIDGE RESPIRATOR W/ORGANIC VAPOR CARTRIDGE SHOULD BE USED.
Ventilation:
MECHANICAL (LOCAL & DILUTION) TO REDUCE TO
Protective Gloves:
IMPERVIOUS; RUBBER, TEFLON, NEOPRENE. 3
Eye Protection:
CHEMICAL SAFETY GOGGLES.
Other Protective Equipment:
Equipment COVERALL, IMPERVIOUS BOOTS, EYE WASH
Work Hygienic Practices:
N/K
Supplemental Safety and Health:
FIRE HAZ CONT'D: FLAMMABILITY OF VAPOR MAY BE EXTREME DEPENDING UPON USE. MISTING OF PRODUCT MAY CAUSE EXPLOSIVE CONCENTRATIONS. FIRST AID CONT'D: IF VOMITING OCCURS, HAVE VICTIM LEAN FORWARD, CLEAR MOUTH. OBTAIN MEDICAL ATTENTION IN ALL CASES. INFORMATION FOR ORAL LD50 IS FOR METHYL METHACRYLATE.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50(RAT): 7872 MG/KG (SEE SUPP)
Route Of Entry Inds - Inhalation:
YES
Skin:
NO
Ingestion:
YES
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
INHALATION: MAY CAUSE NOSE/THROAT IRRITATION AT CONCENTRATIONS OF 170 PPM-2000 PPM. EYES: CONCENTRATIONS >170 PPM MAY CAUSE LACRIN. SKIN: IRRITATION/SENSITIZATION. INGESTION: MOUTH & STOMACH IRRITATION. OVEREXPOSURE MAY CAUSE LIVER/KIDNEY DAMAGE.
Explanation Of Carcinogenicity:
NONE
Signs And Symptions Of Overexposure:
IRRITATION, DIZZINESS, DROWSINESS, HEADACHE, DIFFICULTY BREATHING, NAUSEA, VOMITING.
Medical Cond Aggravated By Exposure:
N/K
First Aid:
INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS SPED, A TRAINED PERSON SHOULD BEGIN ARTIFICIAL RESPIRATION/CPR IF NECESSARY. EYES: FLUSH W/LUKE WARM, FLOWING WATER FOR 20 2 MINS. SKIN: REMOVE EXCES S PRODUCT W/PAPER/CLOTH, USING ISOPROPYL ALCOHOL. WASH W/SOAP & WATER & APPLY POLYETHYLENE GLYCOL 400. INGESTION: NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. GIVE 240-300 ML OF WATER. (SEE SUPP)
Spill Release Procedures:
PREVENT FROM ENTERING SEWERS/WATERWAYS. ABSORB W/ABSORBENT MATERIAL. COLLECT IN SUITABLE CONTAINERS CAPABLE OF BEING TIGHTLY CLOSED. USE RECOMMENDED PROTECTION EQUIPMENT.
Neutralizing Agent:
N/K
Waste Disposal Methods:
MAY BE INCINERATED IN APPROVED DISPOSAL FACILITY/DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. UN 1865 FLAMMABLE.
Handling And Storage Precautions:
ELIMINATE ALL IGNITION SOURCES. STORE IN CLOSED CONTAINERS IN A DRY, WELL VENTILATED AREA. DON'T COMPLETELY FILL CONTAINERS. STORE UP TO 6 MONTHS.
Other Precautions:
IF STORED IN BULK, OXYGENATE TO ACTIVATE INHIBITORS. STORE AWAY FROM HEAT & INCOMPATIBLE MATERIALS.

Fire and Explosion Hazard Information

Flash Point Method:
TCC
Flash Point:

Flash Point Text:
50F
Autoignition Temp:

Autoignition Temp Text:
N/A
Lower Limits:
2.1
Upper Limits:
12.5
Extinguishing Media:
DRY CHEMICAL, FOAM, CO2
Fire Fighting Procedures:
USE WATER SPRAY TO COOL SURROUNDING CONTAINERS/TO PROTECT PERSONS ATTEMPTING TO S A LEAK.
Unusual Fire/Explosion Hazard:
VAPORS ARE >AIR & MAY TRAVEL THROUGH LOW AREAS TO IGNITION SOURCE. VAPORS MAY POLYMERIZE IN VENTS/FLAME ARRESTERS. VAPORS MAY IGNITE IF ACCUMULATED. (SEE SUPP)

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F
Melt / Freeze Pt:

M.P/F.P Text:
-54.4F
Decomp Temp:

Decomp Text:
N/K
Vapor Pres:
35
Vapor Density:
3.6
Volatile Org Content %:

Spec Gravity:
0.94
VOC Pounds/Gallon:

PH: N/R
VOC Grams/Liter:

Viscosity:
N/P
Evaporation Rate & Reference:
3.1 (NO METHOD GIVEN)
Solubility in Water:
SLIGHT
Appearance and Odor:
COLORLESS VISCOUS LIQUID W/ESTERLIKE ODOR.
Percent Volatiles by Volume:
N/K
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
DEPLETION OF INHIBITOR, STRONG LIGHT/HEAT.
Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG BASES, STRONG ACIDS/CATALYTIC METALS; COPPER/IRON.
Hazardous Decomposition Products:
NONE
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
DEPLETION OF INHIBITOR, HEAT/STRONG LIGHT &INCOMPATIBLE MATERIALS.

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