

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-203/20324-32-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
20324-32-7
Code:
M

RTECS:

Code:
X

Name:
DIPROPYLENE GLYCOL MONOBUTYL ETHER

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
UNDER NORMAL CONDITIONS, NO RESPIRATORY PROTECTION IS REQUIRED.

Ventilation:
NORMAL.

Protective Gloves:
NONE REQUIRED. MAY WEAR PROTECTIVE GLOVE

Eye Protection:
NONE REQUIRED. MAY WEAR CHEMICAL SPLASH.

Other Protective Equipment:
Equipment DO NOT EAT, DRINK OR SMOKE IN THE WORK AREA.

Work Hygienic Practices:
WASH HANDS BEFORE EATING.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
NOSE-EXCESSIVE INHALATION OF HIGH CONCENTRATIONS MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INGESTION-ASPIRATION OF MATERIAL INTO THE LUN GS CAN CAUSE IRRITATION. EYE-CAN CAUSE SEVERE IRRITATION.

Explanation Of Carcinogenicity:
NONE.

Signs And Symptoms Of Overexposure:
INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. EYES-CAN CAUSE REDNESS, TEARING AND BLURRED VISION.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER. 3

First Aid:
INHALATION-REMOVE VICTIM TO FRESH AIR, IF BREATHING IS DIFFICULT GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN. INGESTION-DILUTE WITH WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. EYE-FLUSH EYES WITH PLENTY OF WATER, LIFTING THEUPPER AND LOWER LIDS, GET MEDICAL ATTENTION. SKIN-WASH EXPOSED SKIN AREAS WITH SOAP AND WATER.

Spill Release Procedures:
CLEANUP AREA BY MOPPING OR WITH ABSORBENT MATERIALS AND PLACE IN CLOSED CONTAINERS. CONTACT FEDERAL, STATE OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL PROCEDURES.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
WHEN USED PROPERLY AEROSOL PRODUCTS DO NOT GENERATE HAZARDOUS WASTE. EMPTY DE-PRESSURIZED CONTAINERS SHOULD BE RECYCLED. CONSULT FEDERAL, STATE AND LOCAL AUTHORITIES FOR APPROVED DISPOSAL PROCEDURES.

Handling And Storage Precautions:
DO NOT STORE AT TEMPERATURES ABOVE 120F. KEEP OUT OF THE REACH OF CHILDREN. KEEP CONTAINER CLOSED WHNE NOT IN USE.

Other Precautions:
DO NOT EAT, DRINK, OR SMOKE WHILE USING PRODUCT. DO NOT TAKE INTERNALLY. PLEASE READ AND FOLLOW ALL LABEL DIRECTIONS AND ANY OTHER SAFETY INFORMATION PROVIDED TO YOU BEFORE USING THIS PRODUCT.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE TO BOILING

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:
4 KEEP CONTAINERS COOL, USE EQUIPMENT OR SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING CONTAINERS.

Unusual Fire/Explosion Hazard:
AT ELEVATED TEMPERATURES (ABOVE 120F) CONTAINERS MAY VENT, RUPTURE OR BURST.

Physical/Chemical Properties

HCC:
V2

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:
>93.3C, 200.F

B.P. Text:
5

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/R

Vapor Pres:
50 MMHG

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
0.990

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
N/R

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR LIQUID, MILD ODOR.

Percent Volatiles by Volume:
100

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
DO NOT EXPOSE TO TEMPERATURES ABOVE 120F.

Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES, SELECTED AMINES.

Hazardous Decomposition Products:
THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Hazardous Polymerization Indicator:
YES

Conditions To Avoid Polymerization:
NONE

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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