

# 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

### ACGIH STEL:

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

### LD50/LC50/Mixture:

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 LUNGS 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-FRUSH EYES WITH PLENTY OF WATER, LIFTING THE UPPER 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 WHILE 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:

N/P

### Flash Point Text:

NONE TO BOILING

### Autoignition Temp:

N/R

### 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:

N/P

### NRC/State Lic No:

N/R

### Net Prop Wt For Ammo:

N/R

### Boiling Point:

>93.3C, 200.F

### B.P. Text:

N/R

### Melt/Freeze Pt:

N/R

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

N/R

### Decomp Temp:

N/R

### Decomp Text:

N/R

### Vapor Pres:

5MMHG

### Vapor Density:

N/R

### Volatile Org Content %:

N/R

### Spec Gravity:

0.990

### VOC Pounds/Gallon:

N/R

### PH:

N/R

### VOC Grams/Liter:

N/R

### 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/R

## Reactivity Data

### Stability Indicator:

YES

### Stability Condition To Avoid:

DO NOT EXPOSE TO TEMPERATURES ABOVE 120F.

### Materials To Avoid:

STRONG OXIDIZING AGENTS, STRONG ACIDS, 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

### Information:

N/P

### Other Information:

N/P



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