

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-141/141-17-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

141-17-3

Code:

M

RTECS:

AU8420000

Code:

M

Name:

DIBUTOXYETHOXYETHYL ADIPATE, ADIPIC ACID, BIS(2-(

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH-MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR W/ORGANIC VAPOR CARTRIDGES AS NECESSARY.

Ventilation:

PROVIDE ADEQUATE MECHANICAL VENTILATION

Protective Gloves:

CHEMICAL RESISTANT

Eye Protection:

SAFETY GLASSES, GOGGLES, FACE SHIELD

Other Protective Equipment:

Equipment EYE WASH & SHOWER

Work Hygienic Practices:

PERSONAL HYGIENE PROTECTION, PERSONNEL SHOULD WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

ORAL RAT LD50 = 6 G/KG

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SKIN/EYES: IRRITATION. INGESTION: HARMFUL.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SUPPORTIVE THERAPY IS RECOMMENDED. NO KNOWN ANTIDOTE.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

INGESTION: SEEK MED ATTN. SKIN: REMOVE ALL CONTAMINATED CLOTHING; IF NECESSARY. WASH W/SOAP & WATER. GET MED ATT. EYE: FLUSH W/LARGE AMOUNTS OF FRESH WATER FOR 10-15 MINS LIFTING UPPER/LOWER EYELIDS FR EQUENTLY. GET MED ATT. INHALATION: REMOVE TO FRESH AIR. PERFORM ARTIFICIAL RESPIRATION IF NECESSARY. CONTACT PHYSICIAN.

Spill Release Procedures:

S DISCHARGE/CONTAIN SPILL. RECOVER MATERIAL W/APPROPRIATE EQUIPMENT/PLACE IN SUITABLE CONTAINERS FOR FURTHER HANDLING. RECOVER OR SOAK UP W/INERT ABSORBENT MATERIALS. PLACE IN APPROPRIATE CONTAINER (PREFERABLY OUTDOORS) FOR DISPOSAL.

Neutralizing Agent:

N/K

Waste Disposal Methods:

LANDFILL MAY BE REQUIRED IN AUTHORIZED FACILITIES IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS. DON'T FLUSH INTO STREAM, OTHER BODIES OF WATER OR INTO STORM SEWER. NON-HAZARDOUS WASTE.

Handling And Storage Precautions:

STORE IN COOL/DRY PLACE. DON'T GET IN EYES, ON SKIN/CLOTHING. DON'T BREATHE VAPOR/MIST. DON'T TAKE INTERNALLY. WASH THOROUGHLY W/SOAP/WATER AFTER USE.

Other Precautions:

USE UNDER WELL VENTILATED CONDITIONS. THIS CONTAINER HAZARDOUS WHEN EMPTY. SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID/SOLIDS). DON'T REUSE "EMPTY CONTAINER" 2 FOR FOOD, CLOTHING W/O PROFESSIONAL CLEANING. DON'T SMOKE.

Fire and Explosion Hazard Information

Flash Point Method:

SCC

Flash Point:**Flash Point Text:**

>200F

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE WATER SPRAY OR SMOOTHER W/FOAM, DRY CHEMICAL, CO2.

Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR NIOSH-MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

DURING A FIRE, IRRITATING/TOXIC GASES MAY BE PRESENT FROM THE DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:**NRC/State Lic No:**

3

Net Prop WT For Ammo:

SCC

Boiling Point:**B.P. Text:**

N/R

Melt/Freeze Pt.:**Melt/Freeze Pt. Text:**

N/R

Decomp Temp:**Decomp Temp Text:**

N/R

Vapor Pres:**Vapor Pres Text:**

N/R

Vapor Density:**Vapor Density Text:**

N/R

Volatile Org Content %:**Spec Gravity:**

1.02

VOC Pounds/Gallon:**VOC Pounds/Gallon Text:**

N/R

PH:

N/R

VOC Grams/Liter:**VOC Grams/Liter Text:**

N/R

Viscosity:**Viscosity Text:**

N/P

Evaporation Rate & Reference:**Evaporation Rate & Reference Text:**

N/R

Solubility in Water:**Solubility in Water Text:**

N/R

Appearance and Odor:

MILD ODOR.

Percent Volatiles by Volume:**Percent Volatiles by Volume Text:**

99%

Corrosion Rate:**Corrosion Rate Text:**

N/R

Reactivity Data:**Stability Indicator:**

YES

Stability Condition To Avoid:

TEMPERATURES >300F.

Materials To Avoid:

OXIDIZING SUBSTANCES.

Hazardous Decomposition Products:

CO, CO2, TOXIC FUMES.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

Toxicological Information

Information:**MSDS Transport Information:****Information:****Regulatory Information:****Title III Information:****Sara Title III Information:****Federal Regulatory Information:****State Regulatory Information:****Other Information:****Information:**

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