

# 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

**ACGIHSTEL:**  
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

**LD50LC50Mixture:**  
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 Symptions 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 CLOTHIG; 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 (PREFERRABLY 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 P ROFESSIONAL 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 OF SMOTHER 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:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
1.02

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/R

**Solubility in Water:**  
N/R

**Appearance and Odor:**  
LIGHT AMBER LIQUID; MILD ODOR.

**Percent Volatiles by Volume:**  
99%

**Corrosion Rate:**  
N/K

## 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/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