



Carolina International Sales Co., Inc

MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com

1. PRODUCT NAME: Dibutyl Maleate

2. CHEMICAL NAME:

3. SYNONYMS: DBM

4. CAS NUMBER: 105-76-0

5. COMPOSITION: Dibutyl Maleate (105-76-0)
% by Weight: 80-100%

6. PROPERTIES: PHYSICAL STATE AND APPEARANCE: Liquid.
PH AND SOLUTION CONC.: Not applicable. Not available.
ODOR THRESHOLD: Not available.
VOLATILITY: Not available.
MELTING POINT: -65 C (-85 F)
BOILING POINT: 138 C(280.4 F)
SPECIFIC GRAVITY: 0.993 (Water = 1)
VAPOR DENSITY: Not available.
VAPOR PRESSURE: Not available.
EVAPORATION RATE: Not available.
VISCOSITY: Not available.
IONICITY (SURFACE ACTIVE AGENT): Not applicable.
CRITICAL TEMPRATURE: Not available.
INSTABILITY TEMPERATURE: Not available.
CONDITIONS OF INSTABILITY: Not available.
DISPERSION PROPERTIES: Not available.
SOLUBILITY: Insoluble in cold water.
VOC's (g/L)(EPA 24/24A): Not available.
STABILITY FREEZE/THAW STABILITY: This product is stable. Freeze thaw stable, thaw and stir before using.
HAZARDOUS DECOMP. PRODUCTS: Oxides of carbon. Not available.
DEGRADABILITY: Not available.
PRODUCTS OF DEGRADATION: Oxides of carbon. Not available.
COROSIVITY: Not available.
REACTIVITY: Slightly reactive to reactive with oxidizing agents.

7. HAZARDS: HMIS: H: 1, F: 1, R: 0, PE: B

8. FIRE FIGHTING THE PRODUCT IS: May be combustible at high temperature.

INFORMATION: AUTO-IGNITION TEMPERATURE: not available.

FIRE DEGRADATION PRODUCTS: Not available.

FLASH POINTS: Closed Cup: 140 C (284 F).

FLAMMABLE LIMITS: Not available.

FIRE EXTIONGUISHING PROCEDURES: SMALL FIRE: Use Dry chemical powder.

LARGE FIRE: Use water spray, fog or
foam. Do not use water jet.

FLAMMABILITY: Slightly flammable to flammable in presence of open flames and sparks.

RISKS OF EXPLOSION: Risks of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

IN CASE OF
TRANSPORT EMERGENCY
CONTACT CHEMTREC
USA: 1-800-424-9300
INTERNATIONAL: 1-703-527-3887



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9. PERSONAL PROTECTION MEASURES: Safety Glasses. Lab coat. Gloves (impervious).

10. FIRST AID PROCEDURES: EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
SKIN CONTACT: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention occurs.
HAZARDOUS INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
HAZARDOUS INGESTION: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

11. EXPOSURE LIMITS: NE

12. TOXICOLOGICAL INFORMATION: ROUTES OF ENTRY: Not available.
TLV: Hazardous ingredients
TOXICITY TO ANIMALS: LD50 (dermal)(rabbit): >2000 mg/kg: Not available.
LD50: Not available
CHRONIC EFFECTS ON HUMANS: Slightly hazardous in case of eye contact (irritant), of ingestion, Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritant for lungs. Non-sensitizer for lungs.
CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
ACUTE EFFECTS ON HUMANS: Slightly hazardous in case of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.
AQUATIC TOXICITY (LC50): Not available.

13. ECOLOGICAL INFORMATION: NE

14. DISPOSAL CONSIDERATIONS: WASTE INFORMATION: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
WASTE STREAM: Not available.
STORAGE: Keep container tightly closed. Keep container in a cool, well-ventilated area.
PRECAUTIONS: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. If ingested, seek medical advice immediately and show the container or the label.
SMALL SPILL AND LEAK: Absorb with an inert material and put the spilled material in an appropriate waste disposal.
LARGE SPILL AND LEAK: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
PROTECTIVE CLOTHING IN CASE OF LARGE SPILL: Splash goggles. Full suit. Boots. Gloves.



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Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

15. **CARCINOGENIC PROPERTIES & NOTIFICATIONS:** Note: California Prop. 65 requires the listing of reportable chemicals that is believed to exist in this product at any detected, or suspected, level no matter how minute. .
16. **TRANSPORT INFORMATION:** DOT: Not a DOT controlled material (United States).
Not applicable.
Not regulated. RQ
17. **HANDLING & STORAGE:** Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.
Storage: Store in a cool, dry place. Store in a tightly closed container.
18. **ACCIDENTAL RELEASE MEASURES:** General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.
19. **REGULATORY INFORMATION:** MARITIME TRANSPORTATION: Not available.
HCS: Class: Irritating substance.
FEDERAL AND STATE REGULATIONS:
CERCLA: Hazardous substances: Not listed.
SARA 313 toxic chemical notification and release reporting: Not listed.
Not available.
INTERNATIONAL LISTS: Not listed.