

MATERIAL SAFETY DATA SHEET

Product Name: BDMA (Benzyldimethylamine)

Catalog Number: 21365

DOT Hazard Class: Corrosive (8) (Product shipped as Excepted Quantity)

DOT Proper Shipping Name: Benzyldimethylamine

UN/NA ID No.: UN 2619

MSDS Prepared: 8/09

Distributed By: Ladd Research

83 Holly Court

Williston, VT 05495

(802) 658-4961

HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
BDMA	103-83-3	99+%	Not available

PHYSICAL AND CHEMICAL DATA

Appearance and odor: colorless liquid, ammoniacal odor

Boiling Point: 183-184°C

Specific Gravity: 0.90

Melting Point: -75°C

Solubility in Water: slightly soluble

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 130°F

Extinguishing Media: carbon dioxide, dry chemical powder or appropriate foam.

Special Firefighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.

HEALTH HAZARD DATA

Harmful if swallowed, inhaled or absorbed through skin. Causes burns. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract eyes and skin.

Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

EMERGENCY AND FIRST AID

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Assure adequate flushing of eyes by separating the eyelids with fingers. If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

REACTIVITY DATA

Incompatibilities: strong oxidizing agents and carbon dioxide

Hazardous Combustion or Decomposition Products: thermal decomposition may produce carbon monoxide, carbon dioxide and nitrogen oxides.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Absorb on sand or vermiculite and place in closed containers for disposal.

Disposal: This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.

Storage: Keep container tightly closed. Keep away from heat and open flame. Store under nitrogen and in a cool, dry place.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Wear appropriate NIOSH/MSHA-approved respirator, chemical resistant gloves, safety goggles and any other protective clothing.

SECTION 313 SUPPLIER NOTIFICATION

Not Applicable.

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