

MATERIAL SAFETY DATA SHEET

BDMA

Manufacturer's Name

Lindau Chemicals Inc.

731 ROSEWOOD DR.
COLUMBIA, SC 29201

24 hr - 7 day

Emergency Telephone No.

(800) 457-4280

Chemical Name:

Benzyl dimethylamine (N,N- Dimethylbenzylamine)

Chemical Family:

Tertiary Amine

Formula:

$C_9H_{13}N$

CAS No:

103-83-3

Dot Classification:

Benzyl dimethylamine/8/UN-2619/PGII

Note:

Although DOT reports this material to be corrosive we have not found it to be corrosive to the skin or to iron; consequently we can not substantiate the corrosive classification.

SECTION 1 - PHYSICAL DATA

Boiling Point (°F) (ASTM-D-86)	358°F	Specific Gravity ($H_2O = 1$)	0.894
Vapor Pressure (mm Hg) 2.6mm @20°C		Per Cent Volatile by Volume (%)	Nil
Solubility in Water: Slightly Soluble		Vapor Density	4.7
Appearance: Light yellow liquid		Evaporation Rate (n-BUAC = 1)	0.15
Odor: Sweet odor.			

SECTION II - FIRE AND EXPLOSION DATA

Flash Point: 132°F Flammable Limits: Not established
(Method Used) Tag Closed Cup

Extinguishing Media: (1) Mechanical Foam
(2) Dry Chemical
(3) Water Fog
(4) CO_2

Special Fire Fighting Procedures: A straight water stream should spread Hydrocarbon fires. Avoid breathing vapors.

Unusual Fire and Explosion Hazards: A vapor accumulation would flash and/or explode if ignited. Combustible liquid.

SECTION III - HEALTH HAZARD DATA

Threshold Limit Value:	Not established
Toxicity:	LD 50 (Rats) 265 mg/kg Toxic, avoid skin contact
Emergency First Aid Procedures:	
Skin Contact:	Wash with soap and water
Eye Contact:	Flush eyes with water.
If Swallowed:	Induce vomiting at once. Summon emergency personnel so as to have stomach pumped as soon as possible.

SECTION IV - REACTIVITY DATA

Stability:	Stable
Incompatibility:	None
Hazardous Decomposition Product:	None
Hazardous Polymerization:	Will no occur
Conditions to Avoid:	None

SECTION V - ENVIRONMENTAL INFORMATION

Spill and Leak Procedures:	Absorb with oil absorbing compound.
Waste Disposal Method:	Incinerate according to local and state regulations.

The following information may be useful in complying with various state and Federal regulations under various environmental statues.

Reportable Quantity (RQ), EPA regulation 40 CFR 302 (CERCLA Section 102).
Not applicable

Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (Sara Sections 311-313)
Not applicable.

SECTION VI - SPECIAL PROTECTION INFORMATION

<i>Respiratory Protection:</i>	<i>NIOSH approved respirator for organic vapors.</i>
<i>Ventilation:</i>	<i>Mechanical - not essential.</i>
<i>Protective Gloves:</i>	<i>Rubber gloves</i>
<i>Eye Protection:</i>	<i>Safety goggles</i>
<i>Other Protective Equipment:</i>	<i>Rubber boots, if necessary.</i> <i>Wash contaminated clothing before re-use.</i>

SECTION VII - SPECIAL PRECAUTIONS

<i>Handling and Storing Precautions:</i>	<i>Standard for organic liquids.</i>
<i>Other Precautions:</i>	<i>Avoid prolonged contact with skin.</i>

Date Prepared: November 5, 1990

Supersedes: November 24, 1986

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