

MATERIAL SAFETY DATA SHEET

LIQUID BLAZE WICK CHAFING DISH FUEL

BLAZE MSDS NUMBER: LB300

EFFECTIVE DATE: OCT 2010

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Twenty-Four (24) Hour Emergency Assistance: CHEMTREC 1-800-424-9300 day or night.
Outside the continental United States, call CHEMTREC at 1-703-527-3887 (collect calls accepted).

Blaze Products Corporation urges the customer receiving this Material Safety Data Sheet (MSDS) to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety, you should: (1) notify your employees, agents, and contractors of the information on this sheet, and (2) furnish a copy to each of your customers to inform their employees and customers as well.

SECTION I – PRODUCT INFORMATION

TRADE NAME: LB300, LB700, SB300, SB700, TF500, TF700
PACKAGES: Cans (24 and 48 Units per Case)
SYNONYMS: 2, 2-Oxybisenthanol, Diethylene Glycol
CHEMICAL FAMILY: Glycol

Section II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPOSITION	CAS RN.	WT/WT%	PEL/TLV	HAZARD
Diethylene Glycol	111-46-6	>98.5	None established	Combustible

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: Liquid material is odor free and colorless.
SPECIFIC GRAVITY (H₂O=1) @ 80° F: 1.118
% VOLATILE BY VOLUME: 98%
SOLUBILITY IN WATER: *Miscible*
pH: *Not Applicable*
VAPOR PRESSURE: <0.01 MM Hg (20°C)
VAPOR DENSITY (AIR=1): 3.69
FREEZING POINT: -8.0° C (17.6° F)
BOILING POINT: 245° C (473° F)

SECTION IV – FIRE & EXPLOSION HAZARDS

FLASH POINT: 242° F (117° C) ASTM D-56 (Tag Closed Cup)
FLAMMABLE LIMITS IN AIR, % BY VOLUME LOWER: LEL 1.7% UEL 10.6%
NFPA (National Fire Protection Association) RATING HEALTH (1) FIRE (1) REACTIVITY (0)
AUTO-IGNITION TEMPERATURE: 435° F (NFPA)

EXTINGUISHING MEDIA: Use dry chemical, "alcohol foam" or carbon dioxide; water or foam may cause frothing. Use water to keep fire-exposed containers cool. Use carbon dioxide or dry chemical for small fires; "alcohol foam" or water fog for large fires.
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and complete personal protective equipment. Dilution of burning liquid with water will reduce intensity of flames. A solid stream of water directed into hot, burning liquid could cause frothing.
UNUSUAL FIRE & EXPLOSION HAZARD: None.

SECTION V – REACTIVITY DATA

STABILITY: Generally stable.
HAZARDOUS POLYMERIZATION: Not likely.
CONDITIONS AND MATERIALS TO AVOID: Contact with a wide range of oxidizing agents may react violently

SECTION VI – HEALTH/HAZARD DATA

EYES:	<i>Slight eye irritant.</i>
SKIN:	<i>Slight skin irritant. The substance is poorly absorbed through skin.</i>
BREATHING:	<i>Inhalation may cause CNS depression. May cause irritation of the mucous membranes.</i>
SWALLOWING:	<i>Ingestion may cause damage to the lungs, brain, pancreas, and adrenal glands; metabolic acidosis; hyperkalemia, elevated blood creatinine and urea; and hypoglycemia. May cause CNS depression, gastroin testinal tract, liver and kidney damage.</i>

SECTION VII – EMERGENCY FIRST AID PROCEDURE

IF IN EYES:	<i>Immediately flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower lids. If pain or irritation persists, promptly obtain medical attention.</i>
IF ON SKIN:	<i>Immediately remove excess chemical and contaminated clothing; thoroughly wash contaminated skin with mild soap and water. If irritation persists after washing, seek medical attention. Thoroughly clean contaminated clothing before reuse; discard contaminated leather goods (gloves, shoes, belts, wallets, etc.).</i>
IF INHALED:	<i>Move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. When breathing is difficult, properly trained personnel may assist the affected person by administering oxygen. Keep the affected person warm and at rest. Get medical attention immediately.</i>
IF SWALLOWED:	<i>If product is ingested, do not induce vomiting and contact a physician or Poison Control Center: 1-800-222-1222.</i>

SECTION VIII – OCCUPATIONAL EXPOSURE LIMITS

THRESHOLD LIMIT VALUE:	Not established.
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SECTION IX – EMPLOYEE PROTECTION

RESPIRATORY PROTECTION:	Not required under normal conditions of use.
VENTILATION:	Not required under normal conditions of use.

SECTION X – ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS:	Keep away from fire and other ignition sources. Avoid spills and leaking of this material. Absorb spilled material using paper, floor absorbents, or other absorbent material. Ventilate the area.
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SECTION XI – REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION (DOT):	
HAZARD CLASSIFICATION:	Not applicable.
DOT PROPER SHIPPING NAME:	Not applicable.
UNITED NATIONS NUMBER:	Not applicable.
DOT EMERGENCY GUIDE NUMBER:	Not applicable.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must conduct testing and/or make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

