MATERIAL SAFETY DATA SHEET
MSDS No. LB300C

Section 1 – Product Identification and Use

Product Identifier:	Liquid Chafing Dish Fuel L-B300, CW300, TF500, TF700	Product Identification Number (PIN):	Not applicable
Product Use:	Chafing Dish Fuel		
Manufacturer's Name:	BLAZE Products Corporation	Supplier's Name:	
Street Address:	1101 Isaac Shelby Drive P. O. Box 1409	Street Address:	
City: Shelbyville	Province: Kentucky	City:	Province:
Postal Code:	40065 (Street) 40066-1409 (Post Office Box)	Postal Code:	
Emergency Telephone No.:	CHEMTREC 1-800-424-9300 or 1-703-527-3887	Emergency Telephone No.:	

Section 2 – Hazardous Ingredients

Hazardous Ingredients	%	CAS Number	LD_{50} of Ingredients (Specify Species & Route)	LC_{50} of Ingredients (Specify Species)
Diethylene Glycol	98.5	111-46-6	13.21 g/kg (rat, oral)	

Section 3 – Physical Data

Physical State: Liquid in can	Odor and Appearance: Clear, colorless, essentially odorless, hygroscopic liquid	Odor Threshold (ppm): Not established	
Vapor Pressure (mm Hg): <0.01 mm (20° C)	Vapor Density (AIR = 1): 3.69	Evaporation Rate (Butyl Acetate = 1): <0.001	pH: *Not applicable*
Boiling Point (° C): 244.7°	Freezing Point (° C): -80°	Specific Gravity (H_2O + 1): 1.1184 @ 20°/20° C	
COEFF. Water/Oil Dist.: Not available			

Section 4 – Fire and Explosion Data

Flammability: Combustible Yes ☐ No ☐	If yes, under what conditions? Unusual Fire & Explosion Hazard: None	
Means of Extinction:	Use dry chemical, "alcohol foam," or CO_2; water or foam may cause frothing. Use water to keep fire-exposed containers cool. Use CO_2 or dry chemical for small fires; "alcohol foam" or water fog for large fires.	
Flash Point (° C) and Method:	*117° C - 242° F* ASTM D-56 (Tag Closed Cup)	
Upper Flammable Limit (% by Volume): 10.6%	Lower Flammable Limit (% by Volume): 1.7%	
Autoignition Temperature: (° C): Not applicable	Hazardous Combustion Products: CO_2 and CO (on partial combustion)	
Explosion Data: Not known	Sensitivity to Impact: Not known	Sensitivity to Static Discharge: Not known

Section 5 – Reactivity Data

Chemical Stability: Yes ☒ No ☐	If no, under what conditions?	
Incompatibility with Other Substances: Yes ☒ No ☐	If so, which ones?	Contact with a wide range of oxidizing agents may react violently.
Reactivity, and Under What Conditions:	Normally reactive materials coming in contact in concentrated form and/or at elevated temperatures	
Hazardous Decomposition Products:	CO_2 and CO	

Section 6 – Toxicological Properties

Route of Entry:	Skin Contact ☐	Skin Absorption ☒	Eye Contact ☒	Inhalation ☒	Ingestion ☒

Effects of Acute and Chronic Exposure to Product:

Eyes: *Slight eye irritant.*

Skin: *Slight skin irritant. The substance is poorly absorbed through skin.*

Breathing: *Inhalation may cause CNS depression. May cause irritation of the mucous membranes.*

Swallowing: *Ingestion may cause damage to 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.*

Exposure Limits: Not established	Irritancy of Product: Mild	Sensitization to Product: Not established	
Carcinogenicity: No carcinogens	Teratogenicity: Not known	Mutagenicity: Not known	Synergistic Products: Not known

Section 7 – Preventive Measures

Personal Protective Equipment:	None required for normal use of product		
Gloves (Specify):	Polyethylene or rubber gloves to handle spills	Respirator (Specify): Not required	Eye (Specify): Safety glasses
Footwear (Specify): Usual		Clothing (Specify): Usual	Other (Specify):
Engineering Controls (Specify, e.g. Ventilation, Enclosed Process):		Approved (mechanical) room ventilation is expected to be satisfactory.	
Leak and Spill Procedure:	Avoid spills and leaking of material. Absorb spilled material on paper, floor absorbants, or other absorbent material and transfer to hood. Allow sufficient time for vapors to clear hood duct work. Destroy remaining material by burning in an iron pan.		
Waste Disposal:	Incineration is the preferred method.	Handling Procedures and Equipment:	Not applicable
Storage Requirements:	Do not store near a heat source or expose to direct sunlight.		

Special Shipping Information:

Department of Transportation (D.O.T.):

Hazard Classification:	Not regulated
D.O.T. Proper Shipping Name:	Liquid Wick (Glycol)
D.O.T. Emergency Guide Number:	Not applicable
United Nations Number:	Not applicable

Section 8 – First Aid Measures

Specific Measures:

If in Eyes: *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.*

If on Skin: *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.).*

If Inhaled: *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.*

If Swallowed: *If product is ingested, do not induce vomiting and contact a physician or Poison Control Center: 1-800-222-1222.*

Section 9 – Preparation Date of MSDS

Prepared by (group, department, etc.):	Telephone Number:	Date:
BLAZE Products Lab	(502) 633-0650	*OCT 2010*