

MATERIAL SAFETY DATA SHEET

CLEAR WICK CW300

BLAZE MSDS NUMBER: CW300

EFFECTIVE DATE: JULY 2007

BLAZE Products Corporation
P. O. Box 339
Shelbyville, Kentucky 40066-0339
Telephone: (502) 633-0650

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: CW300
PACKAGES: 8-ounce cans (24 units/case)
SYNONYMS: 2, 2-Oxybisethanol, Diethylene Glycol
CHEMICAL FAMILY: Glycol

Section II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>COMPOSITION</u>	<u>CAS RN.</u>	<u>%</u>	<u>PEL/TLV</u>	<u>HAZARD</u>
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: Soluble
pH: Neutral
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 spray will reduce intensity of flames. A solid stream of water directed into hot, burning liquid could cause frothing.

UNUSUAL FIRE & EXPLOSION HAZARD: None.
SPECIAL CAUTION: **DO NOT USE "CLEARWICK" IN HOT BOXES. AVOID OVERHEATING CLEAR WICK (TRANSPARENT PLASTIC CONTAINER) BY LEAVING AT LEAST 2 SIDES OF THE CHAFING DISH BOTTOM AREA OPEN, ALLOWING PROPER CROSS-VENTILATION. (PLASTIC CONTAINER MAY COLLAPSE IF OVERHEATED)**

SECTION V – REACTIVITY DATA

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

SECTION VI – HEALTH / HAZARD DATA

EYES: Can cause moderate irritation, redness, tearing.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting and dermatitis.

BREATHING: Excessive inhalation of vapors can cause nasal and respiratory irritation.

SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION VII – EMERGENCY FIRST AID PROCEDURE

IF ON SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

IF IN EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. GET MEDICAL ATTENTION.

IF SWALLOWED: If victim is conscious, give two glasses of water, induce vomiting immediately by sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person.

IF INHALED: Move individual to fresh air.

SECTION VIII – OCCUPATIONAL EXPOSURE LIMITS

THRESHOLD LIMIT VALUE: Not established.

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 material. Absorb spilled material using paper, floor absorbents, or other absorbent material. Ventilate the area.

SECTION XI – REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION (DOT):

HAZARD CLASSIFICATION: Not regulated.

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.