



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

BRANDT WATER-AID

Common Name: Co-polymer Surfactant.
Chemical Description: A proprietary blend of co-polymers of polyethylene and polypropylene glycols.
TSCA/CAS No.: This product is a 5mixture — there is no specific CAS number.

Manufactured For

Brandt Consolidated, Inc.
2935 So. Koke Mill Road
Springfield, IL 62711

Emergency Phone Numbers

CHEMTREC (24-Hour Emergency Number): (800) 424-9300
EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
Co-polymers of polyethylene and polypropylene glycols	Proprietary*	40	N/E*	N/E*

Trade secret as allowed by 29 CFR 1910.1200.48
N/E = Not Established

Maximum of 1 ppm Ethylene Oxide (EO) (75-21-8) may be present in the product.
The OSHA PEL and ACGIH TLV for EO is 1 ppm

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Clear, colorless liquid with mild aromatic odor. May cause slight irritation to the skin and eyes. Inhalation of mists may result in upper respiratory tract irritation. Ingestion may result in diarrhea or weakness. Not D.O.T. regulated.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 1 ENVIRONMENT: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4. FIRST AID

Eyes: DO NOT RUB EYES. Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.
Skin: Remove contaminated clothing and immediately was affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention as needed.
Ingestion: Give large amounts of water to drink. Seek medical attention if necessary. Induce vomiting only upon advice from a physician.
Inhalation: Inhalation is not an expected route of exposure. Move individual to fresh air and check to assure adequate respiration. Seek medical attention if necessary.

SECTION 4.	FIRST AID, Continued
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Medical Conditions Possibly Aggravated by Exposure: Skin contact may aggravate existing skin conditions.
 Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient.
 Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat systematically. No specific antidote.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	>93°C (200°F).
Test Method:	Pensky-Martens Closed Cup.
LEL Flammable Limits:	Not established.
UEL Flammable Limits:	Not established.
Autoignition Temperature:	Not available.
Flammability Classification:	Not available
Known Hazardous Products of Combustion:	Not available.
Properties that Initiate/Contribute to Intensity of Fire:	Not available.
Potential For Dust Explosion:	Not available.
Reactions that Release Flammable Gases or Vapors:	Not available.
Potential For Release of Flammable Vapors:	Not available.
Unusual Fire & Explosion Hazards:	Product will burn under fire conditions.
Extinguishing Media:	Small fires – dry chemical, carbon dioxide. Large fires – alcohol foam, universal foam, water spray. Water jet is not recommended (frothing possible).
Special Firefighting Procedures:	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

SECTION 6.	SPILLS AND LEAKS
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Containment: Prevent product spillage from entering waterways.
 Clean Up: Absorb with an inert absorbent. Sweep up and place in appropriate closed container. Clean up residual material by washing area with water. Collect washings for disposal.
 Evacuation: Not necessary.
 Container Handling & Disposal: Any containers or equipment used should be decontaminated immediately after use.

SECTION 7.	STORAGE AND HANDLING
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Storage:	Store in tightly closed containers in temperatures ranging from 4 to 50°C (40-120°F). Store in an area that is dry, well ventilated, away from ignition sources and away from incompatible materials (see Section 10).
Transfer Equipment:	Transfer product using chemical-resistant plastic tanks, pumps, valves, etc.
Handling:	Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. Ethylene oxide may collect in container head space. Although concentrations are expected to remain below established exposure limits, provide adequate ventilation when accessing or working with open containers and tanks.
Work Practice Controls:	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material. Do not store, use, and/or consume food, beverages, tobacco products, or cosmetics in area where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes contact with this material.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Eyes: Chemical goggles, also wear a face shield if splashing hazard exists.
Skin: Use gloves, coveralls, apron; boots as necessary to minimize contact.
Ventilation: When potential for exposure exists, provide adequate general area dilution/exhaust ventilation.
Respiration: Approved organic vapor mist respirator as necessary.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance: Clear, colorless liquid.
Odor: Mild aromatic odor.
pH: 6.0-7.1
Vapor Pressure: Not available.
Vapor Density (Air=1): Not available.
Boiling Point: Not available.
Freezing Point: Not established.
Water Solubility: Soluble.
Density: Approximately 8.649 lbs/gal.
Evaporation Rate: Not available.
Viscosity: Not available.
% Volatile: Not available.
Octanol/Water Partition Coefficient: Not available.
Saturated Vapor Concentration: Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability: This material is stable under normal handling and storage conditions described in Section 7.
Conditions to Avoid: Heat, open flame, spark.
Incompatibility: Strong oxidizing agents, strong bases, strong reducing agents.
Hazardous Decomposition Products: Oxides of carbon and hydrogen.
Hazardous Polymerization: Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTS

Acute Effects:
Eyes: May cause temporary redness and/or irritation.
Skin: May cause temporary redness and/or irritation.
Ingestion: May result in diarrhea or weakness.
Inhalation: Mists may cause upper respiratory tract infection.
Chronic Effects: Not known.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition: Not available.
Toxicity to Fish and Invertebrates: Not available.
Toxicity to Plants: Not available.
Toxicity in Birds: Not available.

SECTION 13. DISPOSAL

This product, as supplied, when discarded or disposed of, will not be hazardous waste according to U.S. federal regulations. Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal and local regulations.

SECTION 14. TRANSPORTATION

D.O.T.:	Not D.O.T. Regulated.
Other Shipping Description:	Adhesives, Adjuvants, Spreaders and Stickers. NMFC Item 4612, LTL Class 60

SECTION 15. REGULATORY INFORMATION

CERCLA: None

SARA Title III, Section 313 Toxic Chemicals: Glycol Ethers (per the current EPA definition) at a level estimated to be 4%.

Proposition 65 (CA): ATTENTION: This product contains detectable amounts of ethylene oxide, dioxane, and propylene oxide, which are known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047

SECTION 16. OTHER

The information in this data sheet does not constitute any contractual warrant as to product properties and is based on the current state of knowledge. For all chemical emergencies, call CHEMTREC at (800)424-9300