SAFETY DATA SHEET
Big Wet

SDS DATE: 8/1/2026

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: Big Wet

PRODUCT USE: Wetting agent. Agricultural, turf and soil spray adjuvant; soil treatment.

RESTRICTIONS ON USE: Not for use on aluminum, zinc, tin or galvanized surfaces.

SUPPLIER DETAILS:

Name: Brewer International, Incorporated
Address: PO Box 690037, Vero Beach, FL 32969
Phone: (800) 228-1833
Fax: (772) 778-2490

EMERGENCY PHONE: Chem Tel (800) 255-3924, available 24 hours

SECTION 2: HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Skin Corrosion, Category 1; Serious Eye Damage, Category 1

LABEL ELEMENTS:



SIGNAL WORD: DANGER

HAZARD STATEMENT: H314 Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS:

P260 Do not breathe mist, vapors or spray.

P264 Wash hands and exposed skin thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P363 Wash contaminated clothing before reuse.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, state and federal regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: Reacts with aluminum, zinc and tin, releasing flammable hydrogen gas.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Proprietary formulation

SECTION 4: FIRST-AID MEASURES

IF IN EYES: Immediately rinse with plenty of water for at least 15 minutes, holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with plenty of water for at least 15 minutes. Get medical attention. Wash contaminated clothing before reuse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Give one or two glasses of water if the person is conscious. Immediately call a poison center or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms persist.

MOST IMPORTANT SYMPTOMS: Burns to skin and eyes; pain, redness, blistering. Eye contact may cause permanent damage. Swallowing causes burns to mouth, throat and stomach. Mist may irritate the nose, throat and respiratory tract.

NOTE TO PHYSICIAN: Corrosive alkaline material. Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray or fog, dry chemical, foam, carbon dioxide. Product does not burn.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Contact with aluminum, zinc or tin can release flammable hydrogen gas.

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: Wear self-contained breathing apparatus and full protective gear. Avoid skin and eye contact with run-off.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Keep unnecessary personnel away. Wear the protective equipment listed in Section 8. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches, ponds and waterways.

METHODS FOR CONTAINMENT: Stop the flow of material and dike the spill area.

METHODS FOR CLEANING UP: Absorb with inert material (sand, clay) and place in a closed container for disposal. Flush the area with water. For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Do not get in eyes, on skin or on clothing. Avoid breathing mist or spray. Use only outdoors or in a well-ventilated area. Do not swallow. Do not eat, drink or smoke in work areas. Wash hands after handling.

STORAGE: Store in a cool, well-ventilated place in the original closed container. Store locked up. Keep from freezing. Do not store in aluminum, zinc or galvanized containers. Keep away from acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	OSHA PEL	ACGIH TLV
Sodium hydroxide	2 mg/m3 TWA	2 mg/m3 Ceiling
2-Butoxyethanol	50 ppm (240 mg/m3) TWA, skin	20 ppm TWA
Other ingredients	Not established	Not established

ENGINEERING CONTROLS: Good general ventilation. Use local exhaust where mist is produced. Eyewash station and safety shower should be available in the work area.

EYE/FACE PROTECTION: Chemical splash goggles and a face shield.

SKIN PROTECTION: Chemical-resistant gloves (nitrile or neoprene), apron or chemical-resistant clothing, and boots where splashing may occur.

RESPIRATORY PROTECTION: Not normally required with adequate ventilation. In misty conditions or above exposure limits, use a NIOSH-approved respirator.

WORK HYGIENIC PRACTICES: Do not eat, drink or smoke when using. Wash hands and face before breaks and after handling. Launder contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Blue liquid
Odor	Peppermint
Odor threshold	No data available
pH	13 - 14 (undiluted)
Melting/freezing point	No data available
Boiling point	Approx. 100 C (212 F) (water)
Flash point	Does not flash
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	Not applicable
Vapor pressure	No data available
Vapor density (air = 1)	No data available
Specific gravity (water = 1)	1.03 (8.62 lb/gal)
Solubility in water	Complete
Partition coefficient (n-octanol/water)	No data available
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Viscosity	No data available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Reacts with acids (heat) and with aluminum, zinc and tin (hydrogen gas).

CHEMICAL STABILITY: Stable under normal conditions of storage and use.

POSSIBILITY OF HAZARDOUS REACTIONS: Contact with aluminum, zinc, tin or galvanized metal releases flammable hydrogen gas. Reacts with acids, generating heat.

CONDITIONS TO AVOID: Freezing; contact with incompatible materials.

INCOMPATIBLE MATERIALS: Strong acids; strong oxidizing agents; aluminum, zinc, tin and galvanized metal.

HAZARDOUS DECOMPOSITION PRODUCTS: In a fire: oxides of carbon, sulfur and phosphorus, sodium oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE: Eye contact, skin contact, inhalation of mist, ingestion.

ACUTE TOXICITY: Not classified. Calculated acute toxicity estimates (ATE) for the mixture, from supplier ingredient data: oral > 5,000 mg/kg; dermal > 6,000 mg/kg; inhalation (vapor) > 80 mg/L. All are above the classification limits.

SKIN CORROSION/IRRITATION: Causes severe skin burns (pH 13 - 14).

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye damage.

RESPIRATORY OR SKIN SENSITIZATION: Not expected to be sensitizing.

GERM CELL MUTAGENICITY: No data available.

CARCINOGENICITY: No component present at 0.1% or more is listed as a carcinogen by OSHA, NTP or IARC (Group 1, 2A or 2B).

REPRODUCTIVE TOXICITY: No data available.

SPECIFIC TARGET ORGAN TOXICITY: Single exposure: mist may irritate the respiratory tract. Repeated exposure: not expected.

ASPIRATION HAZARD: Not expected.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No data on the product. The most toxic ingredient values reported by the supplier: algae EC50 1.01 mg/L (72 h); Daphnia magna EC50 5.88 mg/L (48 h); fish LC50 3.5 - 10 mg/L (96 h, Brachydanio rerio). The product is strongly alkaline and may be harmful to aquatic life. Do not allow into ponds, drains or waterways.

PERSISTENCE AND DEGRADABILITY: No data available.

BIOACCUMULATIVE POTENTIAL: Not expected to bioaccumulate.

MOBILITY IN SOIL: Water soluble; expected to be mobile.

OTHER ADVERSE EFFECTS: High pH may harm aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Unused product is a RCRA hazardous waste due to corrosivity (D002, pH 12.5 or above). Do not discharge to drains or waterways without neutralization and permission.

CONTAINERS: Triple rinse empty containers; add rinsate to the spray tank or treat as waste. Refer to Section 8 for protective equipment.

SECTION 14: TRANSPORT INFORMATION

DOT (49 CFR):

UN Number: UN1719
Proper Shipping Name: Caustic alkali liquids, n.o.s. (sodium hydroxide, sodium metasilicate)
Hazard Class: 8
Packing Group: II
Label: Corrosive
ERG Guide: 154

IATA:

UN1719, Caustic alkali liquid, n.o.s. (sodium hydroxide, sodium metasilicate), 8, PG II

IMDG:

UN1719, CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, sodium metasilicate), 8, PG II, EmS F-A, S-B

TDG:

UN1719, CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, sodium metasilicate), 8, PG II

MARINE POLLUTANT: No.

REPORTABLE QUANTITY: Not met in any single package (see Section 15).

SECTION 15: REGULATORY INFORMATION

OSHA: This product is a Hazardous Chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA: All components are listed on the TSCA Inventory or are exempt.

CERCLA REPORTABLE QUANTITY: Sodium hydroxide (RQ 1,000 lb) and sodium dodecylbenzenesulfonate (RQ 1,000 lb). The product RQ is over 37,000 lb of product.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES: None.

SARA 311/312 HAZARD CATEGORIES: Skin corrosion or irritation; Serious eye damage or eye irritation.

SARA 313: The supplier reports one component subject to SARA 313 reporting; its identity is withheld by the supplier.

STATE RIGHT-TO-KNOW: Sodium hydroxide and 2-butoxyethanol appear on the New Jersey, Massachusetts and Pennsylvania right-to-know lists.

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

	Health	Fire	Reactivity / Physical	PPE
NFPA	3	0	0	
HMIS	3	0	0	Goggles, face shield, gloves, apron

REVISION DATE: 8/1/2026

REVISION NOTE: Sections 1, 2 and 4 through 15 revised. Classification is based on supplier data for the ingredients and the mixture rules of 29 CFR 1910.1200 Appendix A.

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