



SAFETY DATA SHEET (SDS)

Version: 1.0
Issue Date: 01/15/2026

SECTION 1. IDENTIFICATION

1.1 Product Identifier

- **Product Name:** BOREALIS BATHROOM FOAM CLEANER
- **Product Code (SKU):** A010
- **Recommended Use:** High-performance acidic foaming cleaner for bathroom surfaces, tiles, and fixtures.
- **Restrictions on Use:** Use only as directed. For professional use only. Do not mix with other cleaning products, acids, bleach, ammonia, or other household chemicals. Apply to a small, inconspicuous test area before use on marble or acid-sensitive natural stones.

1.2 Supplier Details

- **Company Name:** BOREALIS LLC
- **Address:** 4653 Nall Rd., Farmers Branch, TX 75244, USA
- **Website:** www.borealisproclean.com
- **Email:** info@borealisproclean.com
- **Telephone:** [+1 787 468 5388]

1.3 Emergency Telephone Numbers

- **Medical Emergency/Poison Control (24/7):** 1-800-222-1222
- **Fire/Police: 911**

SECTION 2. HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture (GHS-US)

- **Skin Corrosion/Irritation:** Category 1
- **Serious Eye Damage/Eye Irritation:** Category 1
- **Corrosive to Metals:** Category 1

2.2 GHS Label elements

- **Hazard Pictograms:**



- **Signal Word:** DANGER
- **Hazard Statements:**
 - H314: Causes severe skin burns and eye damage.

- H290: May be corrosive to metals.
- **Precautionary Statements:**
 - **Prevention:** Do not breathe mists/vapors. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye and face protection. Keep only in original container.
 - **Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. **Immediately call a POISON CENTER or doctor.**
 - **Storage:** Store in a well-ventilated place. Keep cool.
 - **Disposal:** Dispose of contents/container in accordance with local, regional, and national regulations.

2.3 Other Hazards

- **Acid Etching:** Low pH will permanently damage (etch) certain metal surfaces and natural stones.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

Chemical Name	CAS No.	Concentration (%)
Acetic Acid (Glacial)	64-19-7	7.0 – 13.0%
Methanesulfonic Acid	75-75-2	7.0 – 13.0%
Cocodimethylamine Oxide	61788-90-7	3.0 – 7.0%
Alcohol Ethoxylate (Laureth-7)	9002-92-0	1.0 – 5.0%
Water	7732-18-5	Balance

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. The hazards associated with these components are reflected in Section 2.

SECTION 4. FIRST-AID MEASURES

- **General Advice:** Show this safety data sheet to the doctor in attendance.
- **Inhalation:** Remove to fresh air. If symptoms persist, call a physician.
- **Skin Contact:** **URGENT.** Flush skin with plenty of water for at least 15 minutes.

Remove contaminated clothing immediately. Seek medical attention for chemical burns.

- **Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek immediate medical attention.
- **Ingestion:** Rinse mouth. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

SECTION 5. FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment (CO₂, dry chemical, water spray).
- **Specific Hazards:** Contact with certain metals may release flammable hydrogen gas. Thermal decomposition can lead to release of irritating gases and vapors (Carbon oxides, Sulfur oxides).
- **Protective Equipment:** Wear self-contained breathing apparatus (SCBA) and full protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions: CORROSIVE MATERIAL.** Wear full protective clothing (face shield, acid-resistant suit, rubber boots). Do not breathe mist/vapors.
- **Environmental Precautions:** Do not allow material to enter drains or waterways. Extreme pH is toxic to aquatic life.
- **Methods for Cleanup:** Cautiously neutralize spill with a dilute base (e.g., sodium bicarbonate). Absorb with inert material (sand, earth). Transfer to properly labeled containers.

SECTION 7. HANDLING AND STORAGE

- **Handling: DANGER:** Avoid all contact with eyes, skin, or clothing. Do not breathe spray mist. Use only with adequate ventilation. Always add product to water; NEVER add water to concentrated acid.
- **Storage:** Store locked up. Keep container closed in a cool, well-ventilated place. Keep away from strong bases and reactive metals. Do not store in metal containers.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

- **Acetic Acid (64-19-7):** OSHA PEL: 10 ppm; ACGIH TLV: 10 ppm (TWA), 15 ppm (STEL).

Engineering Controls: Ensure eyewash stations and safety showers are close to the workstation.

Personal Protective Equipment (PPE):

- **Eye/Face Protection:** Tight-fitting safety goggles or face shield.

- **Skin and Body Protection:** Acid-resistant gloves (Nitrile/Neoprene) and chemical-resistant apron/boots.
- **Respiratory Protection:** If acid mist is generated, use NIOSH-approved respirator suitable for acid gases/mists.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Transparent liquid
- **Odor:** Pungent, acetic, vinegar-like
- **pH Range:** 0-2.
- **Apparent Density Range (as measured) (g/ml):** 0.85 – 0.95
- **Viscosity Range (mPa·S):** 1 – 4

Unless otherwise specified, physical and chemical properties were measured at approximately 25°C. Values represent typical ranges observed during small-batch production; variability may occur due to raw material lot differences, entrained air/foam, temperature, and storage conditions.

SECTION 10. STABILITY AND REACTIVITY

- **Reactivity:** Corrosive to metals. Reactive with strong bases.
- **Chemical Stability:** Stable under normal conditions.
- **Conditions to Avoid:** Excess heat and incompatible materials.
- **Incompatible Materials:** Strong bases, oxidizing agents, and reactive metals (Aluminum, Zinc).
- **Hazardous Decomposition Products:** Carbon oxides and sulfur oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Not classified based on available data.
- **Skin Corrosion/Irritation:** Category 1. Causes severe skin burns.
- **Serious Eye Damage/Irritation:** Category 1. Causes serious eye damage. Risk of blindness.
- **Skin Sensitization:** Not classified based on available data.
- **Carcinogenicity:** No components listed by IARC, NTP, or OSHA.
- **Reproductive Toxicity:** Not classified based on available data.

SECTION 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** Toxic to aquatic life due to extreme pH.
- **Persistence and Degradability:** Ingredients are expected to be biodegradable.
- **Bioaccumulative Potential:** Not expected to bioaccumulate.
- **Mobility in Soil:** Soluble in water; high mobility.

SECTION 13. DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Neutralize prior to disposal where required by local

regulations.

- **Contaminated Packaging:** Do not reuse empty containers. Triple rinse before disposal.

SECTION 14. TRANSPORT INFORMATION

DOT (USA):

- **UN Number:** UN3265
- **Proper Shipping Name:** Corrosive liquid, acidic, organic, n.o.s. (Contains Acetic Acid and Methanesulfonic Acid)
- **Hazard Class:** 8
- **Packing Group:** II
- **Limited Quantity Exception:** Inner packagings 1 Liter or less.

IATA: UN3265, Corrosive liquid, acidic, organic, n.o.s., 8, PG II

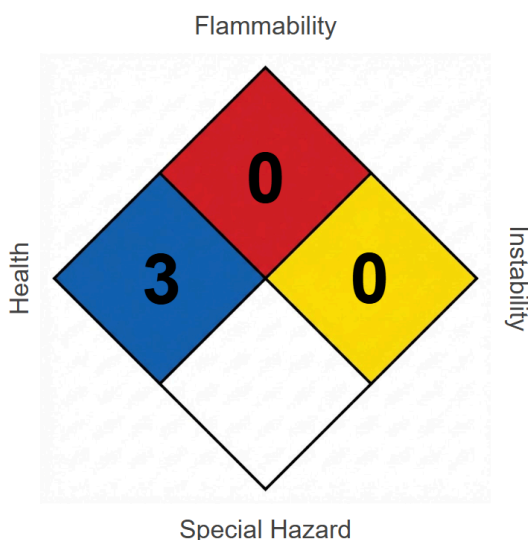
IMDG: UN3265, Corrosive liquid, acidic, organic, n.o.s., 8, PG II

SECTION 15. REGULATORY INFORMATION

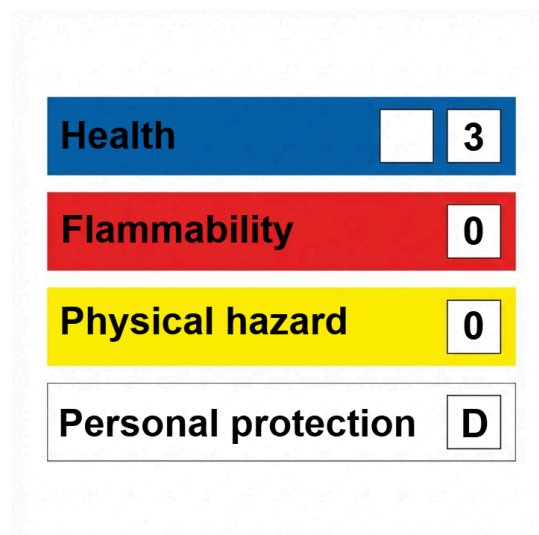
- **TSCA (USA):** All ingredients are listed on the TSCA Inventory.
- **SARA 311/312:** Acute Health Hazard (Corrosive).
- **SARA 313:** No components subject to SARA 313 reporting.
- **CALIFORNIA PROPOSITION 65:** This product does not contain chemicals known to the State of California to cause cancer or reproductive harm.

SECTION 16. OTHER INFORMATION

- **NFPA Rating:**



- **HMIS Rating:**



Key to Ratings: 0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Severe Hazard. An asterisk (*) next to the Health rating indicates a potential chronic health hazard.

Personal Protection Equipment (PPE) Codes: A = Safety Glasses; B = Safety Glasses + Gloves; C = Safety Glasses + Gloves + Apron; H = Splash Goggles + Gloves + Apron + Vapor Respirator.

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- **Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The chemical identity of the "Proprietary Degreasing Agent" has been withheld as a Trade Secret.