



SAFETY DATA SHEET (SDS)

Version: 1.0
Issue Date: 01/15/2026

SECTION 1. IDENTIFICATION

1.1 Product Identifier

- **Product Name:** BOREALIS WHITE LIQUID LAUNDRY DETERGENT
- **Product Code (SKU):** A019
- **Recommended Use:** Pearlescent liquid laundry detergent for fabrics.
- **Restrictions on Use:** Use only as directed. Do not ingest.

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 2
- **Serious Eye Damage/Eye Irritation:** Category 2A
- **Skin Sensitization:** Category 1
- **Carcinogenicity:** Category 2

2.2 GHS Label elements

- **Hazard Pictograms:**



- **Signal Word:** WARNING
- **Hazard Statements:**
 - H315: Causes skin irritation.
 - H319: Causes serious eye irritation.
 - H317: May cause an allergic skin reaction (contains d-limonene).
 - H351: Suspected of causing cancer.

- **Precautionary Statements:**
 - **Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapors or mist. Wash hands and exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves and eye protection.
 - **Response:**
 - **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
 - **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
 - **IF exposed or concerned:** Get medical advice/attention.
 - **Storage:** Store locked up.
 - **Disposal:** Dispose of contents/container in accordance with local, regional, and national regulations.

2.3 Other Hazards

- **Slip Hazard:** Spills present a significant slip hazard.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

| Chemical Name | CAS No. | Concentration (%) |
|-------------------------------|---|-------------------|
| Sodium Laureth Sulfate (SLES) | 68585-34-2 | 30.0 – 40.0% |
| Pearlizing Agent Blend | Mixture (7732-18-5, 31566-31-1, 68603-42-9, 68585-34-2) | 1.0 – 5.0% |
| Cocamide DEA | 68603-42-9 | 1.0 – 3.0% |
| Limonene | 5989-27-5 | < 0.1% |
| Proprietary degreasing agent | Trade Secret | < 0.1% |
| Tetrasodium EDTA | 64-02-8 | 0.5 – 1.5% |
| Sodium Chloride | 7647-14-5 | 0.5 – 1.5% |
| Fragrance | Mixture | 0.1 – 1.0% |

| | | |
|--------------------------------|------------|------------|
| Sodium Carboxymethyl Cellulose | 9004-32-4 | 0.1 – 1.0% |
| Mixture of CMIT/MIT (Biocide) | 55965-84-9 | < 0.1% |
| 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 (Sensitization) are reflected in Section 2.

SECTION 4. FIRST-AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

- **Inhalation:** Remove to fresh air. If symptoms persist, call a physician.
- **Skin Contact:** Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation or allergic reaction occurs, discontinue use and seek medical advice.
- **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. Keep eye wide open while rinsing. If eye irritation persists: Get medical advice/attention.
- **Ingestion:** Rinse mouth with water. 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 (Water spray, Dry chemical, CO₂, Foam).

Specific Hazards: The product is not flammable. Thermal decomposition can lead to release of irritating gases and vapors (Carbon oxides, Sulfur oxides, Nitrogen oxides).

Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Ensure adequate ventilation.

- **Caution:** Material can create slippery conditions.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods for Cleanup: Contain spill to prevent spreading.. Soak up with inert absorbent material (sand, silica gel, acid binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly with water.

SECTION 7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using this product. Ensure adequate ventilation. Avoid prolonged or repeated skin contact due to presence of d-limonene.

Storage: Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep from freezing. Store locked up.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

- **d-Limonene (CAS 5989-27-5):** No OSHA PEL/ACGIH TLV established. Exposure should be minimized to prevent skin sensitization and vapor inhalation.

Engineering Controls: Showers, Eyewash stations, Ventilation systems.

Personal Protective Equipment (PPE):

- **Eye/Face Protection:** Wear safety glasses with side shields (or goggles).
- **Skin and Body Protection:** Wear protective gloves (Nitrile/Neoprene) and suitable protective clothing.
- **Respiratory Protection:** None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Pearlescent whitish viscous liquid
- **Odor:** Characteristic
- **pH Range:** 8.5 – 10
- **Apparent Density Range (as measured) (g/ml):** 0.55 – 0.7
- **Viscosity Range (mPa.S):** 3,500-5,500

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: No data available.

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Extremes of temperature and direct sunlight. Freezing.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides. Sulfur oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Not classified based on available data.

- **Skin Corrosion/Irritation:** Causes skin irritation.
- **Serious Eye Damage/Irritation:** Causes serious eye irritation.
- **Skin Sensitization:** Contains d-limonene which may cause allergic reaction in sensitive individuals.
- **Carcinogenicity:**
 - **Cocamide DEA (68603-42-9):** Classified by IARC as **Group 2B** (Possibly carcinogenic to humans).
- **Reproductive Toxicity:** No data available.

SECTION 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** This product is not classified as hazardous to the aquatic environment according to GHS criteria. Avoid uncontrolled release of concentrated product into waterways or drains.
- **Persistence and Degradability:** Surfactants are expected to be biodegradable.
- **Bioaccumulative Potential:** Low.
- **Mobility in Soil:** Soluble in water; high mobility.

SECTION 13. DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of in accordance with federal, state, and local regulations.
- **Contaminated Packaging:** Do not re-use empty containers. Rinse and recycle.

SECTION 14. TRANSPORT INFORMATION

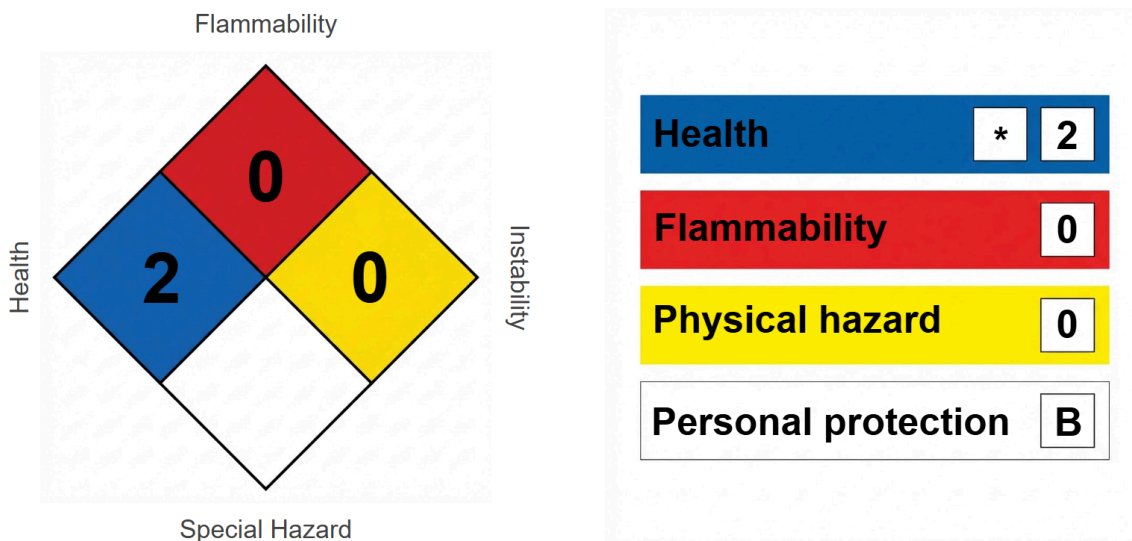
- **DOT (USA):** Not Regulated.
- **IATA:** Not Regulated.
- **IMDG:** Not Regulated.

SECTION 15. REGULATORY INFORMATION

- **TSCA (USA):** All components of this product are listed on the TSCA Inventory.
- **SARA 311/312:** Acute Health Hazard, Chronic Health Hazard.
- **SARA 313:** This product contains **Cocamide DEA**, which may contain trace amounts of **Diethanolamine** (CAS 111-42-2), subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372.
- **CALIFORNIA PROPOSITION 65:**
 - **WARNING:** This product may contain chemical(s) known to the State of California to cause cancer and/or birth defects or other 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.

- **Version: 1.0**
- **Issue Date: 01/15/2026**
- **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.