



# SAFETY DATA SHEET (SDS)

Version: 1.0  
Issue Date: 01/15/2026

## SECTION 1. IDENTIFICATION

### 1.1 Product Identifier

- **Product Name:** BOREALIS LIQUID DISH SOAP.
- **Product Code (SKU):** A020
- **Recommended Use:** High-performance liquid dish detergent for the everyday manual washing of dishes, glassware, cookware, and utensils in professional environments.
- **Restrictions on Use:** For professional use only. This product is designed exclusively for hand dishwashing; it is not intended for use in automatic dishwashers. Do not mix with other household cleaning products.

### 1.2 Supplier Details

- **Company Name:** BOREALIS LLC
- **Address:** 4653 Nall Rd. Farmers Branch, TX 75244, USA
- **Website:** [www.borealisproclean.com](http://www.borealisproclean.com)
- **Email:** [info@borealisproclean.com](mailto: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 / Ambulance:** 911

## SECTION 2. HAZARD(S) IDENTIFICATION

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

- **Skin Irritation:** Category 2.
- **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.
- H351: Suspected of causing cancer.
- **Precautionary Statements:**
  - **Prevention:** Wash hands and exposed skin thoroughly after handling. Wear protective gloves and eye protection/face protection. Avoid breathing mist/vapors. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
  - **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, national, and international regulations.

### 2.3 Other Hazards

- Avoid release of concentrated product into waterways.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Mixture

Chemical Name	CAS No.	Concentration (%)
Sodium Laureth Sulfate (SLES)	68585-34-2	20 – 30 %
Cocamidopropyl Betaine	61789-40-0	5 – 15 %
Sodium Dodecylbenzene Sulfonate (DBSS)	68411-30-3	5 – 10 %
Cocamide DEA	68603-42-9	1 – 5 %
Citric Acid	77-92-9	1 – 5 %
Alcohol Ethoxylate (Laureth-7)	9002-92-0	1 – 3 %
Proprietary degreasing agent	Trade Secret	0.5 – 1.5 %
Non-hazardous additives (Fragrance/Dye)	N/A	1 – 5 %
d-Limonene	5989-27-5	0.1 – 0.5 %
Methylchloroisoithiazolinone / Methylisothiazolinone (CMIT/MIT)	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 are reflected in Section 2.*

## SECTION 4. FIRST-AID MEASURES

- **General Advice:** If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
- **Inhalation:** Remove person to fresh air and keep comfortable for breathing. If symptoms persist, obtain medical attention.
- **Skin Contact:** Wash immediately with plenty of soap and water. Remove contaminated clothing. If skin irritation or allergic reaction occurs, seek medical attention.
- **Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a specialist.
- **Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

## 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, CO<sub>2</sub>, or Alcohol-resistant 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: SLIP HAZARD.** Spill causes extremely slippery surfaces. Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required.
- **Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system in large quantities without dilution.
- **Methods for Cleanup:** Contain spill to prevent spreading. Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## SECTION 7. HANDLING AND STORAGE

- **Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling.
- **Storage:** Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from heat and direct sunlight. Protect from freezing. Store locked up. Keep out of the reach of children.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

- **No specific occupational exposure limits have been established for the declared components at the concentrations present in this mixture.**

### 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 or Neoprene). Wear suitable protective clothing to prevent skin contact.
- **Respiratory Protection:** Not required under normal conditions. If spray mist is generated in poorly ventilated areas, use a NIOSH-approved respirator.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Green Viscous Liquid.
- **Odor:** Citrus profile with fresh lemon notes.
- **pH Range:** 7.0 – 9.0.
- **Apparent Density Range (as measured) (g/ml):** 0.80 – 0.90.
- **Viscosity Range (mPa.S):** 1,000 – 2,500.

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:** Product is chemically stable under normal conditions. The surfactant system is predominantly neutralized. Avoid contact with strong oxidizers and chlorinated agents.
- **Hazardous Decomposition Products:** Carbon oxides. Nitrogen oxides (NOx). Sulfur oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Not classified as acutely toxic based on available data.
- **Skin Corrosion/Irritation:** Causes skin irritation.
- **Serious Eye Damage/Irritation:** Potential irritation is primarily associated with the surfactant system present in the formulation.
- **Skin sensitization (GHS Category 1):** The product contains components that may cause skin sensitization and trigger an allergic skin reaction following repeated exposure or in susceptible individuals.
- **Carcinogenicity:** Contains Cocamide DEA (CAS 68603-42-9), classified as

Carcinogenicity Category 2.

- **Reproductive Toxicity:** No information available.

## SECTION 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** The product is not expected to cause significant adverse environmental effects under normal conditions of use. Contains components that may affect aquatic organisms at elevated concentrations; avoid unnecessary environmental release.
- **Persistence and Degradability:** Surfactants are expected to be biodegradable.
- **Bioaccumulative Potential:** No information available.
- **Mobility in Soil:** Soluble in water.

## SECTION 13. DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of in accordance with federal, state, and local regulations. Do not discharge into drains, water courses, or onto the ground.
- **Contaminated Packaging:** Do not reuse empty containers. Dispose of as unused product.

## SECTION 14. TRANSPORT INFORMATION

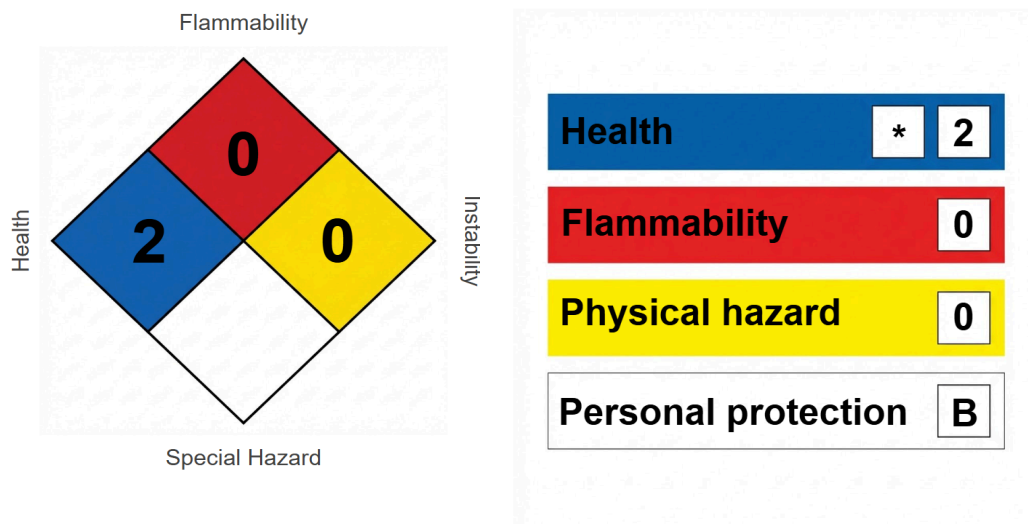
- **DOT (USA):** Not Regulated.
- **IATA:** Not Regulated.
- **IMDG:** Not Regulated.

## SECTION 15. REGULATORY INFORMATION

- **TSCA (USA):** All components of this product are listed on the TSCA Inventory or are exempt.
- **SARA 311/312:**
  - Acute Health Hazard: Yes (Irritation, Sensitization)
  - Chronic Health Hazard: Yes (Carcinogenicity)
- **SARA 313:** This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, 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:**



**Rating Key:** 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 risk.

**Personal Protective 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.