



SAFETY DATA SHEET (SDS)

Version: 1.0
Issue Date: 01/15/2026

SECTION 1. IDENTIFICATION

1.1 Product Identifier

- **Product Name:** BOREALIS PROFESSIONAL CITRUS DEGREASER
- **Product Code (SKU):** B002
- **Recommended Use:** High-performance degreaser for industrial and kitchen surfaces.
- **Restrictions on Use:** Use only as directed. Avoid contact with incompatible materials.

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

2.2 GHS Label elements

- **Hazard Pictograms:**



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

- **Precautionary Statements:**

- **Prevention:** Avoid breathing mist or vapors. Wash hands 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 water. If skin irritation or rash occurs: Get medical advice/attention. 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.
- **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

- **Slip Hazard:** Spills create slippery surfaces.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

Chemical Name	CAS No.	Concentration (%)
Alcohol Ethoxylate (Laureth-7)	9002-92-0	10.0 – 15.0%
Limonene	5989-27-5	3.0 – 5.0%
Proprietary degreasing agent	Trade Secret	3.0 – 5.0%
Cocamidopropyl Betaine	61789-40-0	3.0 – 7.0%
Sodium Laureth Sulfate (SLES)	68585-34-2	3.0 – 5.0%
Yellow 6 (CI 15985)	2783-94-0	< 0.5%
Mixture of 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 (Sensitization) are reflected in Section 2.

SECTION 4. FIRST-AID MEASURES

- **General Advice:** Show this safety data sheet to the doctor in attendance.
- **Inhalation:** Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.
- **Skin Contact:** Wash immediately with soap and plenty of water. Wash contaminated clothing before reuse. 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. If eye irritation persists, seek medical attention.
- **Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

SECTION 5. FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Use water spray, CO₂, dry chemical, or alcohol-resistant foam.
- **Specific Hazards:** Product is water-based and not easily ignited. Thermal decomposition can release carbon oxides and nitrogen oxides.
- **Protective Equipment:** Wear self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin and eyes. Material can create slippery conditions.
- **Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not allow material to enter storm drains or surface water.
- **Methods for Cleanup:** Soak up with inert absorbent material (e.g., sand, silica gel, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly with water to remove slippery residue.

SECTION 7. HANDLING AND STORAGE

- **Handling:** Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. 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. Protect from freezing. Keep out of reach of children. Store away from strong oxidizing agents.

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: Ensure eyewash stations and safety showers are close to the workstation. Use in a well-ventilated area.

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety glasses with side shields or goggles are recommended.
- **Skin Protection:** Wear protective gloves (Nitrile or Neoprene).
- **Respiratory Protection:** Not required under normal use conditions. If exposure limits are exceeded or irritation is experienced, use a NIOSH-approved respirator if spray mist is generated in poorly ventilated areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Orange transparent liquid
- **Odor:** Citrus
- **pH Range:** 6.5 – 7.5
- **Apparent Density Range (as measured) (g/ml):** 0.85 – 0.95
- **Viscosity Range (mPa·S):** 6 – 9

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:** Non-reactive under normal conditions.
- **Chemical Stability:** Stable under recommended storage conditions.
- **Conditions to Avoid:** Extremes of temperature and direct sunlight.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Carbon oxides and nitrogen oxides under fire conditions.

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:** No components listed by IARC, NTP, or OSHA.
- **Reproductive Toxicity:** Not classified based on available data.

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:** Expected to be biodegradable.
- **Bioaccumulative Potential:** Not expected to bioaccumulate.

- **Mobility in Soil:** High mobility in soil due to water solubility.

SECTION 13. DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of in accordance with federal, state, and local regulations.
- **Contaminated Packaging:** Do not reuse empty containers. Rinse thoroughly before disposal or recycling.

SECTION 14. TRANSPORT INFORMATION

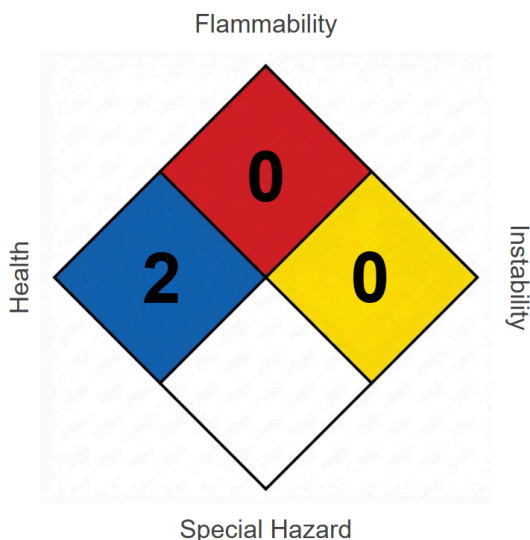
- **DOT (USA):** Not Regulated
- **IATA:** Not Regulated
- **IMDG:** Not Regulated

SECTION 15. REGULATORY INFORMATION

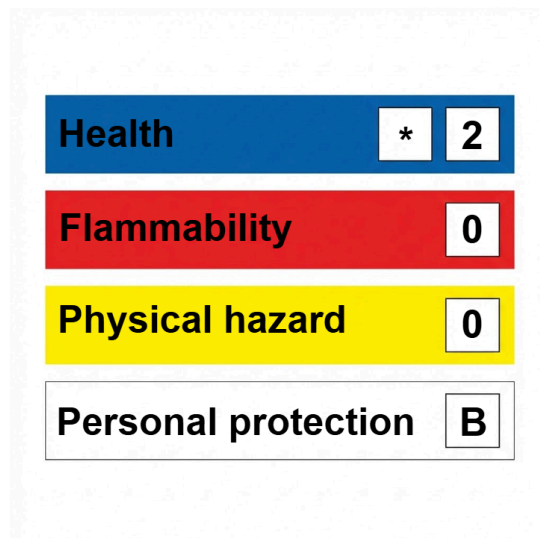
- **TSCA (USA):** All components of this product are listed on the TSCA Inventory.
- **SARA 311/312:** Acute Health Hazard (Skin Irritation, Eye Irritation, Sensitization).
- **SARA 313:** This product does not contain chemicals subject to reporting requirements under Section 313.
- **CALIFORNIA PROPOSITION 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.