



# SAFETY DATA SHEET (SDS)

Version: 1.0  
Issue Date: 01/15/2026

## SECTION 1. IDENTIFICATION

### 1.1 Product Identifier

- **Product Name:** BOREALIS OXI POWER STAIN & ODOR REMOVER
- **Product Code (SKU):** A013/A014
- **Recommended Use:** Stain and odor remover for clothing, upholstery, and carpets. Safe for colors and whites.
- **Restrictions on Use:** Do not use on wool, silk, leather, or dry-clean-only fabrics. Do not allow to dry on fabric. Always test in an inconspicuous area first.

### 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:** 911

## SECTION 2. HAZARD(S) IDENTIFICATION

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

- **Serious Eye Damage/Eye Irritation:** Category 2A
- **Skin Corrosion/Irritation:** Category 2

### 2.2 GHS Label elements

- **Hazard Pictograms:**



- **Signal Word:** WARNING
- **Hazard Statements:**
  - H319: Causes serious eye irritation.
  - H315: Causes skin irritation.
- **Precautionary Statements:**
  - **Prevention:** Wash hands thoroughly after handling. Wear protective gloves

and eye protection.

- **Response:** 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 ON SKIN: Wash with plenty of water.
- **Storage:** Store in a well-ventilated place. Keep container tightly closed.
- **Disposal:** Dispose of contents/container in accordance with local and national regulations.

### 2.3 Other Hazards

- Contact with hydrogen peroxide may cause temporary whitening of the skin (oxidation) which disappears after washing with plenty of water.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Mezcla

Chemical Name	CAS No.	Concentration (%)
Hydrogen Peroxide	7722-84-1	5.0 – 7.5 %
Sodium Dodecylbenzene Sulfonate (DBSS)	68411-30-3	5.0 – 10.0%
Alcohol Ethoxylate (Laureth-7)	9002-92-0	5.0 – 10.0%
Etidronic Acid (HEDP)	2809-21-4	0.1 – 1.0%
Optical Brightening Agent	27344-41-8	< 0.5%
Fragrance	Mixture	0.1 – 1.0%
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

### Description of First Aid

- **General Advice:** Show this safety data sheet to the doctor in attendance.
- **Inhalation:** Move person to fresh air. If symptoms persist, seek medical attention.

- **Skin Contact:** Rinse with plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation persists, consult a physician.
- **Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for 15-20 minutes. Remove contact lenses if present and easy to do. Seek immediate medical attention.
- **Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Immediately call a physician or Poison Control Center.

**Most important symptoms/effects:** Eye irritation (redness, tearing, pain). Skin irritation (redness, dryness). Temporary whitening of skin may occur upon contact with hydrogen peroxide.

## SECTION 5. FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, or CO<sub>2</sub>.
- **Specific Hazards:** The product is not flammable. However, hydrogen peroxide is an oxidizer that may release oxygen upon decomposition, which can intensify fires of surrounding materials.
- **Protective Equipment:** Wear self-contained breathing apparatus (SCBA) and full protective suit.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Use personal protective equipment (PPE). Avoid contact with skin and eyes.
- **Environmental Precautions:** Prevent product from entering drains or water bodies.
- **Methods for Cleanup:** Absorb with inert, non-combustible material (sand, earth, vermiculite). Collect into labeled containers. Rinse spill area with water after removal. Do not mix recovered material back into the product container.

## SECTION 7. HANDLING AND STORAGE

- **Handling:** Use in well-ventilated areas. Avoid contact with eyes, skin, and clothing. Wash hands after use.
- **Storage:** Keep in the original container in a cool, dry place away from direct sunlight. Keep away from contaminants (metals, dirt, reducing agents). Do not mix with bleach, ammonia, acids, or other household cleaners.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters:

- Hydrogen Peroxide (7722-84-1): OSHA PEL 1 ppm; ACGIH TLV 1 ppm.

**Engineering Controls:** General ventilation is sufficient under normal conditions.

### Individual Protection Measures (PPE):

- **Eyes:** Safety goggles or face shield recommended.
- **Skin:** Chemical-resistant rubber or nitrile gloves.
- **Respiratory Protection:** Not required under normal use. If mists/aerosols are

generated or ventilation is insufficient, use a NIOSH-approved respirator suitable for particulates/mist.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Slightly yellowish transparent liquid
- **Odor:** Characteristic
- **pH Range:** 8 – 9
- **Density Range (as measured) (g/ml):** 0.88 – 0.95
- **Viscosity Range (mPa·S):** 18 – 25

Unless otherwise stated, physical and chemical properties were determined at approximately 25°C. Values represent typical ranges observed during small-batch production; variations may occur due to differences between raw material batches, entrapped air/foam, temperature, and storage conditions

## SECTION 10. STABILITY AND REACTIVITY

- **Reactivity:** Stable under normal conditions.
- **Chemical Stability:** Stable under recommended storage conditions.
- **Conditions to Avoid:** Direct sunlight, extreme heat.
- **Incompatible Materials:** Strong reducing agents, strong bases, bleach/chlorine products, transition metals (iron, copper, brass), and combustible/organic materials that can catalyze decomposition.
- **Hazardous Decomposition Products:** May release oxygen and irritating vapors.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Eye contact, skin contact. Inhalation of mists may occur if sprayed. Ingestion is not an intended route of exposure.

### **Symptoms related to physical/chemical/toxicological characteristics:**

- **Eyes:** Causes irritation; redness, tearing, pain.
- **Skin:** Causes irritation; redness, dryness. Contact with hydrogen peroxide may cause temporary whitening of the skin.
- **Inhalation:** Mists may irritate nose, throat, and respiratory tract.
- **Ingestion:** May cause gastrointestinal irritation, nausea.

**Acute toxicity:** Not classified based on available data for the mixture as supplied.

**Skin corrosion/irritation:** Causes skin irritation (Skin Irrit. 2).

**Serious eye damage/eye irritation:** Causes serious eye irritation (Eye Irrit. 2A).

**Respiratory or skin sensitization:** Not classified based on available data.

**Carcinogenicity:** No components are listed by IARC, NTP, or OSHA at reportable levels.

**Reproductive toxicity:** Not classified based on available data.

## SECTION 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** Not classified as hazardous to the aquatic environment based on available data. Avoid uncontrolled release of concentrated product.
- **Persistence and Degradability:** Hydrogen peroxide decomposes to water and oxygen. Surfactants are expected to be biodegradable.
- **Bioaccumulative Potential:** Not expected to bioaccumulate.
- **Mobility in Soil:** Expected to be mobile in soil due to water solubility.

## SECTION 13. DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of contents/container in accordance with local/state/federal regulations. Do not reuse empty containers. Rinse container before recycling or disposal where permitted.

## SECTION 14. TRANSPORT INFORMATION

- **DOT (USA - Terrestrial):** Not regulated when hydrogen peroxide concentration is < 8% w/w.
- **IATA (Air):** Not regulated when hydrogen peroxide concentration is < 8% w/w.
- **IMDG (Maritime):** Not regulated when hydrogen peroxide concentration is < 8% w/w.

## SECTION 15. REGULATORY INFORMATION

### U.S. Federal Regulations:

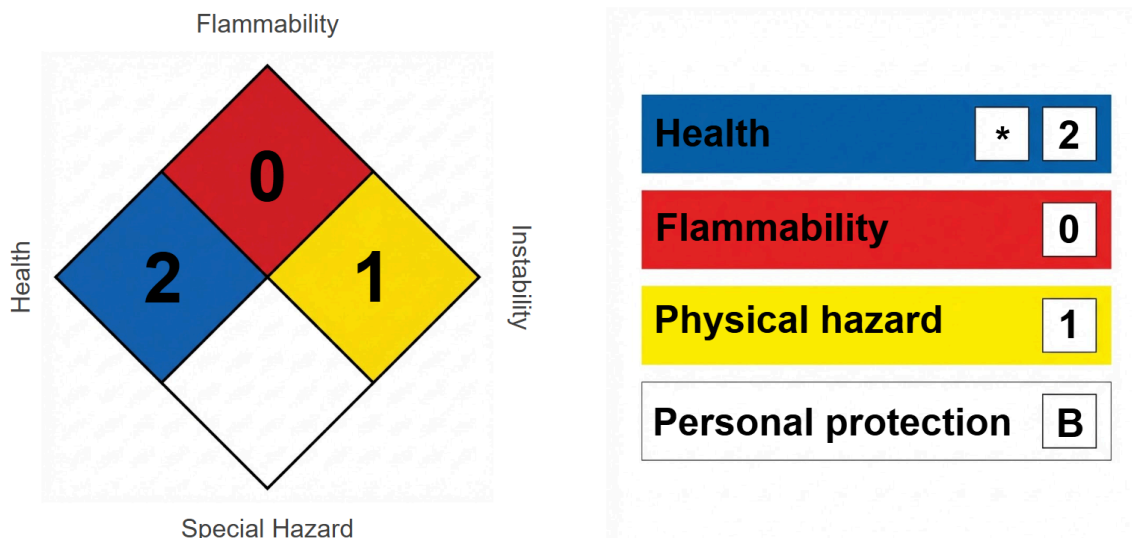
- **TSCA:** All components of this product are listed on, or excluded from, the U.S. EPA TSCA inventory.
- **SARA 311/312:** Acute Health Hazard (Eye Irritation, Skin Irritation).

### U.S. State Regulations:

- **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.