

# SAFETY DATA SHEET

Product Name: 4X Laundry Detergent

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## SECTION 1: IDENTIFICATION

- **Product Name:** 4X Laundry Detergent
  - **Synonyms:** Laundry Soap
  - **Recommended Use:** Cleaning and washing fabrics
  - **Manufacturer:** The Umbrella Products LLC, 2305 Shady Cove Ct, Pearland, TX 77584
  - **Phone Number:** 609 845 8634
  - **Emergency Phone:** 609 845 8634
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## SECTION 2: HAZARD IDENTIFICATION

### Classification of the Substance/Mixture:

- Serious Eye Damage/ Eye Irritation (Category 1)
- Skin Irritation (Category 2)
- Acute Toxicity (Oral) (Category 4)

### GHS Label Elements:



### Hazard Pictograms:

- **Signal Word:** Danger
- **Hazard Statements:**
  - H302: Harmful if swallowed.
  - H315: Causes skin irritation.
  - H319: Causes serious eye damage.
- **Precautionary Statements:**
  - P264: Wash hands thoroughly after handling.
  - P280: Wear protective gloves/eye protection/face protection.
  - P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
  - P302+P352: IF ON SKIN: Wash with plenty of soap and water.
  - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Other Hazards:**

- Harmful to aquatic life with long lasting effects. Toxic to aquatic life.
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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Component</b>	<b>CAS Number</b>	<b>Concentration (% by weight)</b>
Sodium Laurylglucosides Hydroxypropylsulfonate	742087-48-5	55-65%
Lauramine Oxide	1643-20-5	20-25%
Decyl Glucoside	68515-73-1	10-15%
Propanediol	504-63-2	2-5%

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**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Move person to fresh air. If symptoms persist, seek medical attention.

**Skin Contact:** Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/ advice.

**Ingestion:** Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention if feeling unwell.

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**SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**Special Hazards Arising from the Substance:** In case of fire, hazardous decomposition products such as carbon oxides, hydrogen chlorine, oxides of sulfur, nitrogen oxides may be released.

**Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and full protective gear if necessary.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid contact with skin and eyes. Ensure adequate ventilation. Wear protective gloves and goggles.

**Environmental Precautions:** Avoid release into waterways, drains, or sewers.

**Methods for Cleaning Up:** Contain spill with inert material (e.g., sand or earth) and transfer to a suitable container for disposal. Clean area thoroughly with water.

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## SECTION 7: HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes, and clothing. Do not ingest. Use only with adequate ventilation.

**Storage:** Store in a cool, dry, well-ventilated area. Keep container tightly closed. Keep away from incompatible substances such as strong acids or oxidizers.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** No occupational exposure limits have been established for this mixture.

### Engineering Controls:

- Showers
- Eye Wash Stations
- Ventilation Systems

### Personal Protective Equipment:

- **Eye Protection:** Safety goggles or face shield.
  - **Skin Protection:** Protective gloves (e.g., nitrile or rubber gloves).
  - **Respiratory Protection:** If ventilation is inadequate, wear appropriate respiratory protection.
  - **General Hygiene Measures:** Wash hands after handling. Avoid contact with skin and eyes.
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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Clear liquid
  - **Specific Gravity:** 1.01
  - **Odor:** Mild, characteristic odor
  - **Odor Threshold:** Not available
  - **pH:** 7-8 (10% Solution in water)
  - **Melting/Freezing Point:** No data available
  - **Boiling Point/Range:** >100°C (212°F)
  
  - **Flash Point:** > 100°C (212°F)
  - **Evaporation Rate:** Not available
  - **Flammability (solid, gas):** Not available
  - **Lower and Upper Explosive:** Not available
  - **Vapor Pressure:** not available
  - **Vapor Density:** Not available
  - **Relative Density:** 1.19
  - **Solubility:** Easily soluble in the following materials: water
  - **Auto-Ignition Temperature:** Not available
  - **Decomposition Temperature:** Not available
  - **Viscosity:** Not available
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## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** No dangerous reactions known under normal conditions of use.

**Chemical Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** Excessive heat, open flames, or other ignition sources.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizing agents.

**Hazardous Decomposition Products:** In case of fire, carbon oxides may be released.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity:

- **Sodium Laurylglucosides Hydroxypropylsulfonate:** LD50 (Oral, Rat): >2,000 mg/kg
- **Lauramine Oxide:** LD50 (Oral, Rat): 1,400 mg/kg
- **Decyl Glucoside:** LD50 (Oral, Rat): >5,000 mg/kg
- **Propanediol:** LD50 (Oral, Rat): 20,000 mg/kg

**Skin Corrosion/Irritation:** May cause skin irritation.

**Serious Eye Damage/Irritation:** Severely irritation to the eyes.

**Respiratory or Skin Sensitization:** No data available.

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## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity:

- **Harmful to aquatic life with long lasting effects**

**Persistence and Degradability:** There is no data for this product.

**Bioaccumulative Potential:** There is no data for this product.

**Mobility in Soil:** There is no data for this product.

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## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Avoid release to the environment. Do not dispose of product in sewers or waterways.

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## SECTION 14: TRANSPORT INFORMATION

**UN Number:** Not classified as hazardous for transport.

**Transport Hazard Class:** Not regulated.

**Packing Group:** Not applicable.

**Marine Pollutant:** No

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## SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with the Hazardous Products Regulations (HPR). All components of this product are listed or exempt from the TSCA inventory.

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## SECTION 16: OTHER INFORMATION

- **Prepared by:** The Umbrella Products LLC
- **Revision Date:** 10/06/2024
- **Revision:** 1
- **Notice to reader:** To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and

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