

# SAFETY DATA SHEET

**Product Name: Heavy Duty Degreaser Concentrate**

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## SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

- **Product Name:** Heavy Duty Degreaser Concentrate
  - **Product Use:** Heavy-duty degreaser Concentrate for industrial and commercial applications.
  - **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: Hazards Identification

- **Classification of the substance or mixture:**
  - Skin irritation: Category 2
  - Eye irritation: Category 2A
  - Acute toxicity (inhalation): Category 4
  - Environmental hazard (Aquatic chronic): Category 3
- **Label elements:**



- **Pictograms:**
- **Signal word:** Warning
- **Hazard statements:**
  - H315: Causes skin irritation.
  - H319: Causes serious eye irritation.
  - H332: Harmful if inhaled.
  - H412: Harmful to aquatic life with long-lasting effects.
- **Precautionary statements:**
  - P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
  - P280: Wear protective gloves/protective clothing/eye protection/face protection.
  - P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P337 + P313: If eye irritation persists: Get medical advice/attention.

- P273: Avoid release to the environment.

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### SECTION 3: Composition/Information on Ingredients

Substance	CAS Number	Concentration (% by weight)
Di Limonene	5989-27-5	20-30%
Dodecylbenzenesulfonic Acid (DDBSA)	27176-87-0	10-15%
Ammonium Lauryl Ether Sulfate (ALES)	32612-48-9	5-10%
Alkyl Polyglucoside (APG)	68515-73-1	25-35%
Sodium Lauryl Ether Sulfate (SLES)	9004-82-4	10-15%
Quaternary Ammonium Compound (Quat)	N/A	1-2%
Monoethanolamine (MEA)	141-43-5	<1%
Tall Oil Soap	61790-12-3	<1%
Tetrahydrofurfuryl Alcohol (THFA)	97-99-4	<1%

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### SECTION 4: First-Aid Measures

- **Inhalation:** If inhaled, remove person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.
  - **Skin contact:** Wash affected area with plenty of soap and water. Remove contaminated clothing. If skin irritation occurs, get medical attention.
  - **Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing. Seek medical attention if irritation persists.
  - **Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek medical attention if large amounts are ingested.
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### SECTION 5: Fire-Fighting Measures

- **Suitable extinguishing media:** Water spray, foam, carbon dioxide (CO<sub>2</sub>), or dry chemical.
  - **Hazardous combustion products:** Carbon oxides, sulfur oxides.
  - **Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and full protective gear.
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### SECTION 6: Accidental Release Measures

- **Personal precautions:** Wear appropriate protective equipment (gloves, safety goggles).

- **Environmental precautions:** Avoid release to the environment. Prevent spillage from entering drains.
  - **Methods for cleaning up:** Contain and collect spillage with non-combustible absorbent materials (e.g., sand, earth). Dispose of in accordance with local regulations.
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## SECTION 7: Handling and Storage

- **Precautions for safe handling:** Avoid contact with skin, eyes, and clothing. Wash hands thoroughly after handling.
  - **Conditions for safe storage:** Store in a well-ventilated place. Keep container tightly closed.
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## SECTION 8: Exposure Controls/Personal Protection

- **Engineering controls:** Ensure adequate ventilation.
  - **Personal protective equipment:**
    - **Eye protection:** Safety goggles or face shield.
    - **Skin protection:** Chemical-resistant gloves (nitrile or neoprene).
    - **Respiratory protection:** In case of insufficient ventilation, use a respirator.
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## SECTION 9: Physical and Chemical Properties

- **Appearance:** Yellow Clear liquid
  - **Odor:** Citrus (due to Di Limonene)
  - **pH:** 7.0 – 9.0
  - **Flash point:** > 70°C
  - **Boiling point:** > 100°C
  - **Solubility in water:** Soluble
  - **Specific gravity:** ~1.0
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## SECTION 10: Stability and Reactivity

- **Reactivity:** Stable under normal conditions.
  - **Chemical stability:** Stable under normal conditions of use and storage.
  - **Incompatible materials:** Strong acids, oxidizers.
  - **Hazardous decomposition products:** Carbon oxides, sulfur oxides.
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## SECTION 11: Toxicological Information

- **Acute toxicity:** Harmful if inhaled. Irritant to skin and eyes.
  - **Skin irritation:** Causes skin irritation.
  - **Eye irritation:** Causes serious eye irritation.
  - **Inhalation:** May cause respiratory irritation.
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## SECTION 12: Ecological Information

- **Aquatic toxicity:** Harmful to aquatic life with long-lasting effects.
  - **Persistence and degradability:** Readily biodegradable.
  - **Bioaccumulative potential:** Not expected to bioaccumulate.
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## SECTION 13: Disposal Considerations

- **Disposal methods:** Dispose of in accordance with local, state, and federal regulations. Do not allow product to enter drains or watercourses.
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## SECTION 14: Transport Information

- **UN number:** Not regulated for transport.
  - **Transport hazard class:** Not applicable.
  - **Packing group:** Not applicable.
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## SECTION 15: Regulatory Information

- **U.S. Regulations:**
    - All ingredients in this product are listed or exempt from listing on the TSCA (Toxic Substances Control Act) inventory.
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## SECTION 16: Other Information

- **Prepared By:** The Umbrella Products LLC
- **Revision Date:** 10/8/2024
- **Revision:** 1

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