



# Safety Data Sheet (SDS)

## Section 1: Identification

**Product Name:** Industrial Strength Degreaser

**Intended Use:** Heavy-duty cleaning and degreasing of industrial surfaces, machinery, and equipment.

**Manufacturer:** Caribbean Aerosol and Packaging Solutions

**Address:** 65 Taylor Street, Marabella, Trinidad and Tobago

**Phone Number:** 1-868-265-7061

**Email:** caps-clean-caribbean@gmail.com

## Section 2: Hazard Identification

- **GHS Classification of the Substance or Mixture:**
  - Skin Corrosion/Irritation (Category 1)
  - Serious Eye Damage/Irritation (Category 1)
  - Acute Toxicity (Category 4, Oral/Inhalation)
- **GHS Label Elements:**
  - **Signal Word:** Danger
  - **Hazard Statements:**
    - H302: Harmful if swallowed.
    - H314: Causes severe skin burns and eye damage.
    - H332: Harmful if inhaled.
  - **Precautionary Statements:**
    - P260: Do not breathe dust/fume/gas/mist/vapors/spray.
    - P264: Wash hands and face thoroughly after handling.

- P280: Wear protective gloves/protective clothing/eye protection/face protection.
  - P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
  - P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - 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:** May cause respiratory irritation. Prolonged exposure may lead to damage of lungs or skin.

## Section 3: Composition/Information on Ingredients

- **Chemical Composition:**
  - Sodium Hydroxide (CAS # 1310-73-2) — 3%-5%
  - Nonylphenol (CAS 9016-45-9)— 1%-5%
  - Alkylbenzene sulfonic acid (CAS 85536-14-7) — 1%-5%
  - Butyl Glycol Ether (CAS 111-76-2) — 5%-10%
  - Trisodium Phosphate (CAS 7601-54-9) — 3%-5%
  - Sodium Metasilicate (CAS 10213-79-3) — 1%-5%
  - Water — Balance to 100%

## Section 4: First-Aid Measures

- **Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms persist.
- **Skin Contact:** Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Seek medical attention for persistent irritation or burns.
- **Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing and seek immediate medical attention.
- **Ingestion:** Do NOT induce vomiting. Rinse mouth and drink plenty of water. Seek immediate medical attention.
- **Notable Symptoms/Effects (acute and delayed):** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Prolonged exposure may cause chronic effects.

- **General information:** Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

## Section 5: Fire-Fighting Measures

- **Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
- **Unsuitable Extinguishing Media:** Do not use water jet.
- **Specific Hazards Arising from the Chemical:** May produce toxic fumes under fire conditions, including carbon monoxide and carbon dioxide.
- **Special Protective Equipment and Precautions for Firefighters:** Wear self-contained breathing apparatus and protective clothing.

## Section 6: Accidental Release Measures

- **Personal Precautions:** Evacuate area if necessary. Wear protective equipment including gloves, safety goggles, and respirator if ventilation is inadequate.
- **Environmental Precautions:** Prevent spill from entering drains, water courses/surface water, or soil.
- **Methods for Containment and Cleanup:** Absorb with inert material (e.g., sand, earth) and place in suitable container for disposal. Wash spill area with water to avoid slipping.

## Section 7: Handling and Storage

- **Handling:** Avoid contact with skin, eyes, and clothing. Do not inhale vapours or mist. Use only in well-ventilated areas.
- **Storage:** Store in a cool, dry, and well-ventilated place. Keep container tightly closed. Store away from acids and incompatible materials.

## Section 8: Exposure Controls/Personal Protection

- **Exposure Limits:**

### Occupational Exposure Limits (OEL)

<i>INGREDIENT</i>	<i>TWA</i>	<i>STEL</i>	<i>PEAK</i>	<i>PEL</i>
Butyl Glycol Ether	Not Available	Not Available	39 ppm / 190 mg/m <sup>3</sup>	Not Available
sodium hydroxide	Not Available	Not Available	Not Available	2 mg/m <sup>3</sup>

- **Engineering Controls:** Provide adequate ventilation to maintain exposure levels below applicable limits. Use exhaust systems if needed.
- **Personal Protective Equipment (PPE):**

- **Eye Protection:** Safety goggles or face shield.
- **Skin Protection:** Chemical-resistant gloves and protective clothing.
- **Respiratory Protection:** Use appropriate NIOSH-approved respirator if ventilation is inadequate.

## Section 9: Physical and Chemical Properties

- **Appearance:** liquid
- **Colour:** purple
- **pH:** 12-14 (alkaline)
- **Boiling Point:** >100°C estimated
- **Flash Point:** Non-flammable
- **Solubility:** Soluble in water
- **Relative Density:** 1.05 - 1.10

## Section 10: Stability and Reactivity

- **Reactivity:** Reacts with acids and oxidizing agents.
- **Chemical Stability:** Stable under normal conditions.
- **Possibility of Hazardous Reactions:** May produce heat when mixed with acids.
- **Conditions to Avoid:** Excessive heat, open flame. Contact with incompatible materials. Do not mix with other chemicals.
- **Incompatible Materials:** Acids, oxidizers, and certain metals (e.g., aluminum).
- **Hazardous Decomposition Products:** May emit fumes of carbon monoxide and carbon dioxide when heated to decomposition.

## Section 11: Toxicological Information

### Information on likely routes of exposure

- **Inhalation:** Harmful if inhaled. May cause damage to organs by inhalation. May cause damage to organs through prolonged or repeated exposure by inhalation.
- **Skin contact:** Causes severe skin burns.
- **Eye contact:** Causes serious eye damage.
- **Ingestion:** Causes digestive tract burns.
- **Symptoms related to the physical, chemical and toxicological characteristics:** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms

may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

#### Information on toxicological effects

- **Acute Toxicity:** Harmful if swallowed or inhaled.
- **Skin Corrosion/Irritation:** Causes severe skin burns.
- **Serious Eye Damage/Irritation:** Causes serious eye damage.
- **Respiratory or Skin Sensitization:** May cause respiratory irritation.
- **Ingestion:** Causes digestive tract burns.
- **Carcinogenicity:** Not classified as carcinogenic

## Section 12: Ecological Information

- **Ecotoxicity:** Toxic to aquatic life with long-lasting effects.
- **Persistence and Degradability:** Nonylphenol ethoxylates are not readily biodegradable.
- **Bioaccumulation:** May bioaccumulate in aquatic organisms.
- **Mobility in Soil:** Soluble in water; may leach into groundwater.

## Section 13: Disposal Considerations

- **Waste Disposal Methods:** Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of product and contaminated containers in accordance with all applicable regulations.

## Section 14: Transport Information

- **UN Number:** Not regulated as dangerous goods.
- **Proper Shipping Name:** N/A
- **Transport Hazard Class:** N/A
- **Packing Group:** N/A
- **Environmental Hazards:** N/A

## Section 15: Regulatory Information

- **Local Regulations (Trinidad and Tobago):** Ensure compliance with local health, safety, and environmental regulations.

- **International Regulations:** Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

## Section 16: Other Information

- **Revision Date:** [October 1<sup>st</sup>, 2024]
- **Disclaimer:** The information provided in this SDS is based on the data available and is believed to be accurate at the time of preparation. However, no warranty, express or implied, is made regarding the accuracy or completeness of this information. The user assumes responsibility for handling the product in accordance with applicable regulations and guidelines.