



Safety Data Sheet (SDS)

Section 1: Identification

Product Name: Oven and Grill Cleaner

Manufacturer: Caribbean Aerosol and Packaging Solutions

Address: 65 Taylor Street, Marabella, Trinidad and Tobago

Phone Number: 1-868-265-7061

Email: capscleancaribbean@gmail.com

Recommended Use: Heavy-duty cleaner for ovens and grills

Restrictions on Use: Use only as directed. Not for use on aluminum or painted surfaces.

Section 2: Hazard Identification

Classification:

- Skin Corrosion/Irritation: Category 1
- Serious Eye Damage/Irritation: Category 1

Signal Word: Danger

Hazard Statements:

- Causes severe skin burns and eye damage.
- Harmful if inhaled or swallowed.

Precautionary Statements:

- Wear protective gloves, protective clothing, and eye/face protection.
- Do not breathe mist, vapors, or spray.
- Wash hands thoroughly after handling.
- Keep out of reach of children.

Other Hazards: None identified.

Section 3: Composition/Information on Ingredients

Ingredient	CAS Number	Concentration
Sodium Hydroxide	1310-73-2	10-20%
Surfactants (non-ionic)	Mixture	1-5%
Water	7732-18-5	Balance

Section 4: First Aid Measures

Inhalation: Remove to fresh air. If symptoms persist, seek medical attention.

Skin Contact: Immediately flush with water for at least 15 minutes. Remove contaminated clothing. Seek medical advice if irritation persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing and seek immediate medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water. Call a physician or poison control center immediately.

Most Important Symptoms/Effects: Severe irritation or burns to skin, eyes, and mucous membranes.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Use water spray, foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media: Do not use water jet.

Specific Hazards Arising from the Chemical: May produce toxic fumes if involved in a fire.

Protective Equipment for Firefighters: Wear self-contained breathing apparatus (SCBA) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions: Wear appropriate protective equipment. Avoid direct contact with spilled material.

Environmental Precautions: Prevent entry into waterways, sewers, or soil.

Methods for Cleanup: Contain spill. Absorb with inert material (e.g., sand, earth). Place in a suitable container for disposal.

Section 7: Handling and Storage

Handling: Avoid contact with skin, eyes, and clothing. Do not inhale vapors. Use in a well-ventilated area.

Storage: Store in a cool, dry place away from incompatible materials (e.g., acids). Keep container tightly closed when not in use.

Section 8: Exposure Controls/Personal Protection

Exposure Limits:

- Sodium Hydroxide (CAS 1310-73-2): ACGIH TLV 2 mg/m³ (Ceiling)

Engineering Controls: Use local exhaust or general ventilation to maintain airborne concentrations below exposure limits.

Personal Protective Equipment:

- **Eye/Face Protection:** Chemical goggles or face shield.
 - **Skin Protection:** Chemical-resistant gloves and long-sleeved clothing.
 - **Respiratory Protection:** Use NIOSH-approved respirator if ventilation is inadequate.
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Section 9: Physical and Chemical Properties

Property	Value
Appearance	Clear liquid
Odor	Mild chemical
Odor Threshold	Not available
pH	12-14
Melting/Freezing Point	~0°C
Boiling Point/Range	~100°C
Flash Point	Not applicable
Solubility (Water)	Fully soluble
Vapor Pressure	Similar to water
Specific Gravity	~1.1

Section 10: Stability and Reactivity

Reactivity: Reacts with acids, releasing heat.

Chemical Stability: Stable under normal conditions.

Incompatible Materials: Acids, aluminum, and other reactive metals.

Hazardous Decomposition Products: May release toxic fumes if heated.

Section 11: Toxicological Information

Potential Health Effects:

- Inhalation:** May cause respiratory irritation.
- Skin Contact:** Causes severe burns.
- Eye Contact:** Causes serious eye damage.
- Ingestion:** Harmful or fatal if swallowed.

Acute Toxicity:

- Sodium Hydroxide: LD50 (oral, rabbit): 325 mg/kg
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Section 12: Ecological Information

Environmental Impact:

- Toxic to aquatic life. Avoid release into the environment.
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Section 13: Disposal Considerations

Product Disposal: Dispose of in accordance with local, regional, and national regulations. Do not pour into drains or waterways.

Packaging Disposal: Triple rinse container and recycle or dispose of as per regulations.

Section 14: Transport Information

Transport	Classification
UN Number	UN 3266
Proper Shipping Name	Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide)
Hazard Class	8
Packing Group	II

Marine Pollutant	No
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Section 15: Regulatory Information

U.S. Regulations:

- TSCA (Toxic Substances Control Act): All ingredients are listed.
- CERCLA Reportable Quantity: Sodium Hydroxide (RQ = 1,000 lbs).

International Regulations: Complies with GHS standards.

Section 16: Other Information

Prepared By: Caribbean Aerosol and Packaging Solutions

Revision Date: January 24, 2025

Disclaimer: The information provided in this SDS is believed to be accurate and represents the best information currently available to us. However, this document does not constitute a guarantee of product properties and should be used as a guide for safe handling, use, processing, storage, transportation, and disposal.