



**SUPERSTEAM**  
THE CHOICE OF CLEANING PROFESSIONALS

## **Safety Data Sheet (SDS)**

### **Oven and Grill Cleaner**

#### **Section 1: Identification**

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Product Identifier: **Oven and Grill Cleaner**  
Recommended Use: Concentrated oven cleaner that readily removes tough baked-on grease and carbon deposits. Biodegradable.  
Supplier: SuperSteam Asia Pacific Pte Ltd  
11 Changi South Street 3 #03-02 Singapore 486122  
Phone: +65 6595 4333 (Mon-Fri, 9am – 6pm)  
Fax: +65 6745 2440  
Email: info@SuperSteam.com.sg

***This product is made in Singapore in a ISO 22000:2005 compliant facility.***

#### **Section 2: Hazards Identification**

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##### **GHS Classification**

Skin Corrosion / Irritation: Category 2  
Acute Toxicity – Oral: Category 3  
Serious Eye Damage / Irritation: Category 2

##### **GHS Label Elements**

##### **Pictograms:**



**Signal Word: Corrosives**

##### **Hazard Statements:**

H300: Fatal if swallowed.  
H314: Causes skin burns and eye damage.  
H401: Toxic to aquatic life

##### **Precautionary Statements:**

P102: Keep out of reach of children.  
P103: Read label before use.

P220: Keep away from acids, may cause explosion  
P233: Keep container tightly closed.  
P261: Avoid breathing vapours  
P262: Do not get in eyes, on skin or on clothing.  
P271: Use only in well-ventilated area.  
P280: Wear protective gloves / clothing / eye / face protection.

**Response:**

P301 + P330 + P331: If Swallowed: Rinse mouth, Do NOT induce vomiting.  
Obtain medical attention  
P303 + P361 + P353: If on Skin: Remove/take off immediately all contaminated clothing.  
Rinse skin with plenty of water. If symptoms develop, obtain medical attention.  
P304 + P340: If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P352: (After handling) Wash hands thoroughly with soap and water.  
P363: Wash contaminated clothing before reuse.  
P305 + P351 + P338: If in eyes: SPEED IS ESSENTIAL! Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention. Remove contact lenses if present and easy to do.

**Storage:**

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.  
P420: Store away from acids / peroxides / alcohol.

**Disposal:**

P501: Dispose of contents / containers in accordance with Singapore regulations.

### Section 3: Composition / Information on Ingredients

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Component Name	CAS	Composition
Potassium Hydroxide	1310-58-3	<20%
Sodium D-Gluconate	527-07-1	<5%
2-butoxyethanol	111-76-2	<5%

### Section 4: First-Aid Measures

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**General Advice:**

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Seek medical advice if you feel unwell. Show this safety data sheet to the doctor in attendance.

**Inhalation:**

If inhaled, move person into fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if necessary.

**Skin Contact:**

After handling, wash hands thoroughly with soap and water.  
If on skin, remove/take off immediately all contaminated clothing. Rinse skin with plenty of water / shower. Wash contaminated clothing before reuse. If symptoms develop, obtain medical attention.

**Eye Contact:**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

**Ingestion:**

If Swallowed: Rinse mouth, Do NOT induce vomiting. Wash out mouth. Seek medical advice immediately.

## Section 5: Fire-Fighting Measures

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**Suitable Extinguishing Media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising From the Chemical:**

Do not allow run-off from fire fighting to enter drains or water courses.

**Special Protective Actions for Fire Fighters:**

In event of fire, wear self-contained breathing apparatus.

## Section 6: Accidental Release Measures

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**Personal Precautions, Protective Equipment and Emergency Measures:**

For personal protection, see section 8. Use personal protective equipment (e.g. gloves, boots) and ensure adequate ventilation

**Environmental Precautions:**

Do not flush into surface or sanitary sewer system. If the product contaminates rivers, reservoirs or drains, inform respective authorities.

**Methods and Materials for Containment and Cleaning Up:**

Soak up with inert absorbent material (e.g. sawdust). Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

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**Precautions for Safe Handling:**

For personal protection, see section 8. Avoid contact with eyes, skin and clothing. Eating, drinking or smoking in work areas is prohibited. After handling, always wash hands thoroughly with soap and water. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for safe storage, including any incompatibilities:**

Keep container tightly closed and properly labelled in a dry and well-ventilated place.

## Section 8: Exposure Controls/Personal Protection

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**Control Parameters / Occupational Exposure Limits:**

N.A.

**Appropriate Engineering Control Measures:**

Effective exhaust ventilation system. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal Protection:****Respiratory Protection:**

In case of vapour formation, use a respirator with an approved filter

**Skin Protection:**

Wear chemical resistant gloves such as PVC. Also recommended to wear chemical resistant safety boots. Always decontaminate your PPE after every use.

**Eye Protection:**

Wear safety glasses as a minimum eye protection. It is advisable to wear a face shield as droplets may deposit on skin when applied with spray. Consult your standard operating procedure or safety professional for advice.

**Section 9: Physical and Chemical Properties**

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Appearance at 25°C: Colorless  
Odour: Mild solvent

**Property:**

pH: 13.5 (+/- 0.5)  
Freezing point: N.A.  
Initial boiling point / range: Not available  
Flashpoint: Not available  
Evaporation Rate: Not available  
Flammability: N.A.  
Upper/lower flammability: N.A.  
Vapour Pressure: Non volatile  
Vapour Density: N.A.  
Relative Density: 1.121  
Solubility in water at 25°C: Completely soluble  
Partition Coefficient: N.A.  
Auto-ignition temperature: Not available  
Decomposition temperature: Not available  
Viscosity: Not available

**Section 10: Stability and Reactivity**

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**Reactivity:**

Oxidising agent.

**Chemical Stability:**

The product is stable if stored in cool room in tightly closed container.

**Possibility of Hazardous Reactions:**

Contact with acid will release intense heat and energy, possibly an explosion. Reacts with ammonia solutions and amines to form explosive compounds. Can react violently if in contact with methanol. Oxidising agent, may assist combustion.

**Conditions to Avoid:**

Direct light and heat sources.

**Incompatible Materials:**

Acids, ammonia solutions & amines, methanol

**Hazardous Decomposition Products:**

N.A.

**Section 11: Toxicological Information**

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**Inhalation:**

Mist and vapour are corrosive to the respiratory tract and may cause bronchial irritation. Gas produced under fire or acidic conditions is toxic by inhalation.

**Skin:**

Causes burns. Repeated and/or prolonged contact to dilute solutions may cause dermatitis. May cause skin sensitisation in some cases.

**Eyes:**

Risk of serious damage to eyes. Extremely severe irritant/corrosive causing severe initial pain. May cause permanent damage if eye is not immediately irrigated.

**Ingestion:**

May cause irritation to mucous membranes.

May cause corrosion or damage to gastrointestinal tract.

**Section 12: Ecological Information**

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**Ecotoxicity Effects:**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Product is soluble in water. Toxic to aquatic organisms. Very toxic to fish.

**Persistence and Degradability**

The product decomposes quickly in soil or water and fully biodegradable.

**Bioaccumulative Potential**

The ingredients used demonstrate low potential for bioaccumulation

**Mobility in Soil**

No available information

**Other Adverse Effects**

N.A.

**Section 13: Disposal Considerations**

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Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations. Recovery and reuse, rather than disposal, should be the ultimate goal of handling efforts. The materials resulting from the clean-up operations may be hazardous wastes and therefore, subject to specific regulations. Use only licensed transporters and permitted facilities for waste disposal.

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## Section 14: Transport Information

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UN Number: 1814 Class 8, packing group III  
This product is not regulated under transport regulations.

## Section 15: Regulatory Information

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### Applicable National Regulations:

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations:  
This product is subject to the SDS, labelling and other requirements in the Act/Regulations.

Environmental Protection and Management Act: This product is subject to the requirements in the Act/Regulations.

## Section 16: Other Information

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### Usage information (Recommended Dilution):

**Use neat for toughest stains.**

**Dilute 1:5 parts water for normal oven/grill cleaning**

**Heat up oven till 60 degrees Celsius, apply chemical, let it react for 3-5 minutes and lightly scrub.**

**Rinse thoroughly. Repeat if necessary.**

**Do not apply on surfaces higher than 60 degrees Celsius.**

**Do not apply on painted surfaces.**

**Expiry date:** 2 years from the date of production (unopened cap, intact seal, stored in normal temperature away from high heat and direct sunlight).

Date Created and Latest Revision(s)

**27 November 2012:** Date of issue of SDS.

**31 December 2014:** Updated Section 14

**12 May 2015:** Updated Section 3 and 9

**19 October 2015:** Updated Section 9

**2 October 2017:** Last review without changes

**29 December 2017:** Updated Section 16

**23 November 2018:** Updated Section 1

### Product proudly manufactured in Singapore.

SuperSteam Asia Pacific Pte Ltd is a one-stop distributor of professional cleaning machines, janitorial supplies and cleaning chemicals. Please feel free to contact us if you have any questions on this product or face any cleaning problems.

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~ End of SDS ~