



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** GRILLO Oven & Grill Cleaner

**Product Use:** Commercial grade oven and grill cleaning product.

Miro's General Cleaning Services P/L trading as ATOMIC CHEMICALS

A.C.N 005 300 201 / A.B.N 77 005 300 201

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**Emergency Telephone Number:** 13 11 26

## 2. HAZARDS IDENTIFICATION

**GHS Classification:** Skin Corrosion/Irritation, Category 1A

**Pictograms:**



**Signal Word:** DANGER

**Hazard Statements:**

H314: Causes severe skin burns and eye damage

**Precautionary Statements:**

**Prevention**

P264: Wash hands thoroughly after handling.

P260: Do not breathe dusts or mists.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P301+P330+P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

P405: Store locked up.

**Disposal**

P501: Dispose of container in accordance with local/regional/national/international regulations.



### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion %:</u>
Sodium Hydroxide	1310-73-2	10-30
Potassium Hydroxide	1310-58-3	<10
Monoethanolamine	141-43-5	<10
Triethanolamine	102-71-6	<10
Sodium Gluconate	527-07-1	<10
Surfactant (Proprietary blend)	non-haz	<10
Dye	non-haz	Trace
Water	7732-18-5	>60

### 4. FIRST AID MEASURES

**Poisons Information Centre: Phone 13 11 26**

#### First Aid

**Swallowed:** Contact a doctor or Poisons Information Centre. Do not induce vomiting. Rinse mouth with water and give glass of water. Never give anything by mouth to an unconscious person.

**Eye:** Immediately hold the eyes open and rinse continuously with plenty of water for at least 15 minutes and contact a doctor or Poisons Information Centre.

**Skin:** Remove any contaminated clothing and immediately wash contaminated skin with plenty of water. If irritation occurs, seek medical attention.

**Inhaled:** Remove affected person to fresh air. Seek medical attention if effects persist.

**First Aid Facilities:** Eye wash station.

**Advice to Doctor:** Treat symptomatically, and as for strongly alkaline material.

### 5. FIRE FIGHTING MEASURES

**Fire/Explosion Hazard:** Grillo is corrosive/ toxic fumes.

**Fire Fighting Procedures:** Normal fire-fighting procedures. Fire fighters to wear fully encapsulating, gas-tight suits for maximum protection.

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry chemical or Water fog.

### 6. ACCIDENTAL RELEASE MEASURE

**Spill Control:** Contain large spills and mop up. Avoid contact to eyes. Use absorbent (soil or sand, sawdust) material to collect. Slippery when spilt. Place in a suitable, labelled container for waste disposal. Do not let spilled or leaking material enter drains and waterways. May be toxic to aquatic life.

### 7. HANDLING AND STORAGE

**Handling and Storage:** Store in a well-ventilated place out of direct sunlight.

Store away from acids, oxidising agents, combustible materials and foodstuffs.

Keep containers closed at all times - check regularly for leaks. Transport and store upright with vent at top.

**Segregation:** Store away from acids and oxidising agents.



## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

<b>Exposure limits:</b>	Sodium Hydroxide	2mg/m <sup>3</sup> Peak limitation
	Potassium Hydroxide	2mg/m <sup>3</sup> Peak limitation
	Monoethanolamine	7.5mg/m <sup>3</sup> TWA 15mg/m <sup>3</sup> STEL
	Sodium Gluconate	10mg/m <sup>3</sup> TWA
<b>Engineering Controls:</b>	Provide adequate ventilation. Avoid breathing vapour of product. Use with adequate ventilation.	
<b>Personal Protection:</b>	<u>Respiratory:</u> If mists/vapours are not adequately controlled by local ventilation, use an inorganic/organic vapour respirator to prevent overexposure. <u>Eye:</u> Full wrap around Safety goggles <u>Skin:</u> Impervious Long Nitrile Gloves / PVC Apron / Safety Shoes When used to clean hot grills, ovens and ranges ensure canopy ventilation is operating fully.	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical Description/Properties

Appearance/Odour: Clear fluorescent yellow liquid with faint odour.

Boiling Point/Melting Point: 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.30

Flashpoint: Not determined

Flammability Limits: Not determined

Solubility in Water: Complete

Evaporation Rate: Not determined

pH: >13.0

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Reactivity:** Avoid mixing with strong acids and oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

**Health Effects: *Acute:*** Corrosive to all body tissue on contact.

Swallowed: Will cause: Corrosive damage to mouth, throat and stomach.

Eye: Will cause: Chemical burns and/or Permanent eye damage.

Skin: Will cause: Chemical burns.

Inhaled: Will cause: Irritation and/or chemical burns to mucous membranes.

**Health Effects: *Chronic:*** None Known

## 12. ECOLOGICAL INFORMATION

**Volatile Organic Compounds:** This product is corrosive and poisonous in large concentrations.  
May cause adverse effect in aquatic environment. Avoid contaminating waterways, drains, sewers or ground.



### 13. DISPOSAL CONSIDERATION

**Disposal Method:** No special method. Observe all applicable governmental regulations and local ordinances regarding disposal of hazardous materials.

### 14. TRANSPORT INFORMATION

**UN Number:** 1719 CAUSTIC ALKALI LIQUID N.O.S  
**Hazchem Code:** 2R  
**Dangerous Goods Class and Subsidiary Risk:** 8  
**Transport of Dangerous Goods:** PGIII  
**Contains Sodium Hydroxide & Potassium Hydroxide**

### 15. REGULATORY INFORMATION

**Poisons Schedule Number:** 6

**AICS:** All chemicals listed on the Australian Inventory of Chemicals Substances (AICS)

### 16. OTHER INFORMATION

**LD50 (Acute Oral Toxicity):** Corrosive.  
**LD50 (Acute Dermal Toxicity):** Corrosive  
**Carcinogenicity:** None Known  
**Teratogenicity:** None Known  
**Mutagenicity:** None Known  
**Fish Toxicity:** Not determined  
**Biodegradability:** The surfactants are biodegradable per the Australian standard AS1792.

Abbreviations and Definitions of terms used:

<	less than
>	greater than
%	percentage
deg C	Degrees Celsius
g	gram
kg	kilogram
mg	milligram

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