



## 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

**Hazardous Classification:** The substance described in this SDS has been classified as HAZARDOUS according to criteria of Work Safe Australia.

**Hazardous Category:** C+ VERY CORROSIVE

**Risk:** [R35] Causes severe burns.

[R41] Risk of serious damage to eyes.

**Safety:** [S1/2] Keep locked up and out of reach of children.

[S26] In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

[S37/39] Wear suitable gloves and eye/face protection.

[S45] In case of accident or if you feel unwell seek medical advice immediately (show the label whenever possible).

## 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 (Propriety 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

**Engineering Controls:** Provide adequate ventilation. Avoid breathing vapour of product. Use with adequate ventilation.



**Personal Protection:** Respiratory: If mists/vapours are not adequately controlled by local ventilation, use an inorganic/organic vapour respirator to prevent overexposure.  
Eye: Full wrap around Safety goggles  
Skin: 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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