

## SAFETY DATA SHEET – GRILL AND OVEN CLEANER

Classified as hazardous according to criteria of Worksafe Australia

### SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Trade Name: GRILL & OVEN CLEANER**

Code: GC5, GC15 or GCF

Use: Cleaning of grease and charring from grills and ovens.

Distributor: GB Detergents

Emergency Phone No: 0408 419 264 or 0438 073 711

Regular Phone No: 03 5461 5199

Address: Factory 3, 167 Railway Street

PO Box 462, MARYBOROUGH, VIC 3465

### SECTION 2 – HAZARD(S) IDENTIFICATION

UN No:	1791	PACKAGING GROUP:	II
CLASS:	8	HAZCHEM:	2R
SUB-RISK	Not applicable	POISONS SCHEDULE:	S5

Classification: This material is classified as hazardous according to criteria of NOHSC.

Hazard Category

C: Corrosive

Risk Phrase(s)

R34: Causes burns

Safety Phrase(s)

S(1/2): Keep locked up and out of reach of children

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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 where possible)

### SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Potassium Hydroxide	1310-58-3	10-40% (w/v)
Ingredients not considered harmful		to 100%

### SECTION 4 -- FIRST AID MEASURES

**For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.**

Eyes:	Hold eyes open and flush with water for at least 15 minutes. Seek medical attention promptly.
Skin:	Remove contaminated clothing, wash thoroughly with soap and water. Wash clothing before re-use.
Inhalation:	Unlikely under normal conditions of use.
Swallowed:	Do not induce vomiting. Give a glass of water. If poisoning occurs contact a doctor or Poisons Information Centre.

### SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point:	Will not burn
Lower Flammable Limit %:	Not applicable
Upper Flammable Limit %:	Not applicable

Fire Extinguishing Media: Non combustible material. If involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Special Fire Fighting Procedures: Non combustible material. However, if involved in a fire, fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

Unusual Fire and Explosion Hazards: Releases toxic fumes of oxides of carbon on combustion or oxidation. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spills:** Slippery when spilt. Slippery when spilt. Avoid contact with skin and eyes. Wear appropriate protective equipment as listed in Section 8. Contain spill with sand or earth. Wash remainder to sewer with copious amounts of water. Do not allow to enter storm water drains or water courses. Gather up absorbent for disposal according to regulations..

**Disposal:** Biodegradable, wash spills to sewer. Bulk amounts should be referred to Local authority. Dispose of in accordance with local, state, and federal regulations.

#### SECTION 7 HANDLING AND STORAGE

**Handling & Storage:** Store away from strong oxidising agents, acids and alkalis. Avoid breathing vapour or mist. Use in a well-ventilated area and avoid skin and eye contact. Wear rubber or PVC gloves and eye protection. Keep containers closed at all times - check regularly for leaks.

**Other:** This material is classified as a Scheduled 5 Poison (S5) and must be stored, maintained and used in accordance with the relevant regulations.

#### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituents:

**Potassium Hydroxide:** TWA 2 mg/m<sup>3</sup> peak limitation as published by the National Occupational Health and Safety Commission.

**TWA -** The time-weighted average airborne concentration over an eight-hour working day, for a five- day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Engineering Controls:** Ensure adequate ventilation. If inhalation risk exists, use with local exhaust ventilation or while wearing organic vapour respirator. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

**Personal Protection:** Overalls, Safety Shoes, Chemical Goggles, Gloves. Avoid skin and eye contact and inhalation of vapour. Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C):	Not determined	Volatiles:	Not determined
Melting Point(C):	-20	Press@20C mm Hg:	Not determined
Specific Gravity:	1.1	VAP Density:	Not determined
Appearance:	Translucent light amber non- viscous liquid		
pH:	11.5 to 12.5		
Sol In Water (g/l):	Miscible		
Evaporation Rate (nButyl Acetate=1)	Not determined		

#### SECTION 10 – STABILITY AND REACTIVITY DATA

<b>Stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	Oxidising agents, strong acids
<b>Incompatibilities:</b>	Oxidising agents, strong acids
<b>Hazardous decomposition products:</b>	Toxic fumes of chlorides, nitrogen oxides, carbon dioxide on combustion or oxidation.
<b>Hazardous polymerisation:</b>	Will not occur.

#### SECTION 11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**HEALTH EFFECTS**

**Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

**Eye contact:** A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.

**Skin contact:** Contact with skin will result in irritation. Excessive contact may cause skin burns.

**Inhalation:** Vapour is irritant to mucous membranes and respiratory tract. Inhalation of high concentrations (>300-600ppm) can cause central nervous system depression, which can lead to loss of coordination, impaired judgment and, if exposure is prolonged, unconsciousness.

**Toxicological Data:**

None determined for this particular product

**SECTION 12 - ECOLOGICAL INFORMATION**

Avoid contaminating waterways

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Spills and Disposal: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

**SECTION 14 - TRANSPORT INFORMATION**

Road and Rail Transport: Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail. Refer to relevant regulations for storage and transport requirements.

UN No: 1791

PACKAGING GROUP: II

CLASS: 8 Corrosive

HAZCHEM: 2R

SUB-RISK Not applicable

POISONS SCHEDULE: S5

**SECTION 15 - REGULATORY INFORMATION**

**Classification:** This material is classified as hazardous according to criteria of NOHSC. All the constituents of this material are listed on the Australian Inventory of Chemical Substances.

Poison Schedule: S5

**Hazard Category**

C: Corrosive

**Risk Phrase(s)**

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**Safety Phrase(s)**

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**SECTION 16 - OTHER INFORMATION**

**CONTACT POINTS**

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**ORGANISATION**

Poisons Information Centre – Australia Wide

GB DETERGENTS

**TELEPHONE**

131126

(03) 5461 5199

0408 419 264

0438 073 711

**ASK FOR**

Jeff Thoma

Jeff Thoma

John Houlihan

Fire Brigade

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Fire Brigade

Police

000

Police

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is



beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. GB Detergents accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.