Safety Data Sheet

Grill Clean

1. Identification

Trade name of product	:	**Grill Clean**
Other Shipping Name	:	**Corrosive Liquid, N.O.S. (contains Sodium Hydroxide & Potassium Hydroxide)**
Supplier Address	:	**Morrison CQ Agencies** **2/32 Knight Street North Rockhampton** **QLD 4701 Australia**
Supplier Contact Details	:	**Phone: 07 4926 2099, email: admin@mcqagencies.com.au**
Emergency telephone number	:	**Poisons Information 131126**
Material uses	:	**Oven Cleaner**
Product dilution information	:	**Use dilution = 1:5**
Date of issue	:	**1 October 2021**

2. Hazards identification

Product AS SOLD and AT USE DILUTION
Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.
This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

Hazard Category
Corrosive to Metals - Category 1
Damage - Category 1
Skin Corrosion – Category 1B

Signal Word: DANGER

Hazard Statements:
May be corrosive to metals.
Causes severe skin burns and eye damage.

Precautionary Statements:
Prevention:
Keep only in original container.
Wear protective gloves, protective clothing and eye protection.
Do not breathe mists.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.

Response:
Absorb spillage to prevent material damage.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE or doctor.
Specific treatment (see section 4 of the SDS).

Storage: Store locked up in a corrosive-resistant container with a resistant inner liner.

Disposal: Dispose in contents/container in accordance with local regulations.

General Phrases: Keep out of reach of children.

3. Composition/information on ingredients

Product AS SOLD

Ingredient name	CAS number	Proportion %	TWA mg/m^3	STEL mg / m^3
Sodium Hydroxide	1310-73-2	10 – 30	2	None Allocated
Potassium Hydroxide	1310-58-3	< 10	2	None Allocated

Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

Product AT USE DILUTION

Ingredient name	CAS number	Proportion %	TWA mg/m^3	STEL mg / m^3
Sodium Hydroxide	1310-73-2	<10	2	None Allocated
Potassium Hydroxide	1310-58-3	< 10	2	None Allocated

Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First-aid measures

Product AS SOLD and AT USE DILUTION

Eye contact : Rinse with plenty of running water. Seek medical advice if symptoms occur.

Skin contact : Remove contaminated clothing (wash before re-use). Then rinse with plenty of running water. Seek medical advice if symptoms occur.

Inhalation : Remove to fresh air. Seek medical advice if symptoms occur.

Ingestion : Do NOT induce vomiting. Rinse mouth. Give water to drink. Seek medical advice if symptoms occur.

Notes to physician : Treat symptomatically. Concentrated solution can cause corneal burns.

5. Fire-fighting measures

Product AS SOLD and AT USE DILUTION

Extinguishing media : Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Specific Hazards arising from the chemical : No specific hazard.

Special protective equipment and precautions for fire-fighters : Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus in the event of a fire.

Hazchem Code : 2X

6. Accidental release measures

Product AS SOLD and at USE DILUTION

Personal precautions	:	For small spills ensure suitable equipment and PPE is used. Dispose of waste in accordance with local rules. For large spills the following PPE is recommended to reduce risk: Safety Glasses, Chemical Resistant Shoes & Gloves, long sleeves / trousers. Remove non-essential personnel from the area. Ensure that any alkalis or other products of incompatible classes near the spill are removed.
Environmental precautions	:	Contain large spills/releases using appropriate bunding or capping. Prevent entry into drainage systems, sewers and waterways.
Methods for cleaning up	:	Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Product AS SOLD and AT USE DILUTION

Handling	:	Use clean dispensing equipment, use appropriate PPE, always add product to water when diluting.
Storage	:	Store in a cool, dry, well ventilated place. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store in original containers whenever possible. Do not store in metal containers without prior approval. Check container compatibility before transfer. Keep containers closed when not in use - check regularly for leaks. Ensure good housekeeping in storage area.

8. Exposure controls/personal protection

Product AS SOLD and AT USE DILUTION

Occupational exposure limits	:	No information available on the product itself. Values for specific hazardous ingredients are shown in section 3.
Engineering measures	:	Use sensible work practices that reduce operator exposure to the product. Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. Keep containers closed when not in use.

<u>Personal Protection</u>

Eyes	:	Safety glasses/goggles.
Hands	:	Chemical resistant gloves.
Respiratory	:	If determined by a risk assessment an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Skin	:	Long sleeves/trousers/chemical resistant apron/chemical resistant boots.

9. Physical and chemical properties

Product AS SOLD and AT USE DILUTION

Physical state	:	Clear Liquid
Colour	:	Pale tan
Odour	:	Nil
pH	:	14.0
Flash point (°C)	:	NA
Boiling point (°C)	:	100 (approx.)

Specific Gravity (g/ml @ 25°C)	:	1.20 – 1.22 (as sold), 1.02 – 1.05 (as used)
Solubility in water	:	Absolute

10. Stability and reactivity

		Product AS SOLD and AT USE DILUTION
Reactivity	:	Do not mix with acids, ammonium salts or oxidising substances.
Stability	:	Stable under normal storage conditions
Possibility of Hazardous Reactions	:	May produce heat when mixed with water. Contact with metals may liberate flammable hydrogen gas. Ammonia gas may be produced if mixed with ammonium salts.
Conditions to avoid	:	Avoid contact with food stuffs.
Incompatible Materials	:	Aluminium, tin, zinc and their alloys. Acids and ammonium salts.

11. Toxicological information

Potential acute health effects

No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer. Symptoms that may result if the product is mishandled or if overexposure occurs include:

		Product AS SOLD and AT USE DILUTION
Ingestion	:	Corrosive. Will cause severe irritation and chemical burns to the mouth and digestive tract.
Skin	:	May cause severe chemical burns to the skin. Prolonged contact may cause chemical scarring.
Eye	:	Will cause severe irritation, burns and possibly serious eye damage.
Inhalation:	:	Inhalation of fine mists may cause irritation and chemical burns to the respiratory tract and nasal passages.

12. Ecological information

Product AS SOLD and AT USE DILUTION

Ecotoxicity data

Persistence/degradability	:	Not known
Mobility in Soil	:	Mobile
Other adverse effects	:	May be harmful to aquatic species due to the effect of high pH.

13. Disposal considerations

		Product AS SOLD and AT USE DILUTION
Methods of disposal	:	Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

14. Transport information

Product AS SOLD and AT USE DILUTION

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG	1760	**Corrosive Liquid, N.O.S. (contains Sodium**	8	II	Hazchem 2X

		Hydroxide and Potassium Hydroxide)			

15. Regulatory information

Product AS SOLD and AT USE DILUTION
Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.
This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.
This material is a **SCHEDULE 6 POISON** according to the criteria of the SUSMP.
All ingredients listed on AICS.

Hazard Category
Corrosive to Metals - Category 1
Eye Damage - Category 1
Skin Corrosion – Category 1B

Signal Word: DANGER

Hazard Statements:
May be corrosive to metals.
Causes serious eye damage.
Causes severe skin burns and eye damage.

Precautionary Statements:
Prevention:
Keep only in original container.
Wear protective gloves, protective clothing and eye protection.
Do not breathe mists.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.

Response:
Absorb spillage to prevent material damage.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE or doctor.
Specific treatment (see section 4 of the SDS).

Storage:
Store in a corrosive-resistant container with a resistant inner liner.
Store locked up.

Disposal:
Dispose in contents/container in accordance with local regulations.

General Phrases:
Keep out of reach of children.

16. Other information

Literature References : Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Workplace exposure standards, Safe Work Australia.
Hazardous Substances/Chemicals Information System, Safe Work Australia.
Globally Harmonised System of classification and labelling of chemicals.
Raw material suppliers' SDS

Traffic Light System

Traffic Light	Classified as **Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) (ADG7)	Classified as **Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS)** as adopted by Work, Health and Safety regulations, Australia.	Notes
RED	✓	✓	**PLUS** products that are NOT Classified as Dangerous Goods according to ADG7, but classified as Corrosive to eyes and skin and/or Aspiration Hazard Category 1 and/or Toxic to humans according to the GHS as adopted by Work, Health and Safety regulations, Australia
AMBER	✘	✓	**EXCLUDING** products that are classified as Corrosive to eyes and skin and/or Aspiration Hazard Category 1 and/or Toxic to humans according to the GHS as adopted by Work, Health and Safety regulations, Australia
GREEN	✘	✘	

Prepared by : **Australian Chemical Services Pty Ltd (0411 863 178)**

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS. The information sourced for the preparation of this document was correct and complete at the time or writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SAFETY DATA SHEET