SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **GRILL SUPREME**
Synonyms: Corrosive Liquid, Basic, Inorganic, N.O.S

Use: Heavy Duty Alkaline Detergent for the cleaning of ovens and grills.

Manufacturer: Advance Chemicals
ABN: 61 005 625 025
Street Address: 4 – 8 Malton Court Altona, 3018
Telephone Number: (03) 9398 4444

Distributor: Axi- Kem Pty Ltd
ABN: 71 002 968 345
Street Address: 54 Yambil Street GRIFFITH NSW 2680
Telephone Number: (02) 6962 6455

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Classification of the substance or mixture:
Acute toxicity (oral) – category 4
Skin Corrosion – Sub - category 1A

SIGNAL WORD: DANGER



Hazard Statement(s):
H302 – Harmful if swallowed
H314 – Causes severe skin burns and eye damage.

Precautionary Statement(s):

Prevention:
P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P260 – Do not breathe mist/vapour/spray
P264 – Wash hands thoroughly after handling
P270 – Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/eye protection/ face protection.

Response:
P301 + P3330 +P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P330 – Rinse mouth.
P363 – Wash contaminated clothing before re-use
P321 – Specific treatment (see First Aid Measures on Safety Data Sheet)
P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 – Call a POISON CENTRE or doctor/physician if you feel unwell
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 in a well-ventilated place. Keep cool.

Disposal:
P501: Dispose of contents/container in accordance with local waste management authority.

Poison Schedule (Australia): 6

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	
Potassium Hydroxide	1310-58-3	30 – 60%	H302; H314
Surfactants	-	Less than 10%	
Corrosion Inhibitors	-	Less than 10%	
Water	7732-18-5	To 100%	

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If victim has stopped breathing begin artificial respiration, or if heart has stopped, cardiopulmonary resuscitation. SEEK IMMEDIATE MEDICAL ATTENTION.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water. See a doctor if skin irritation, swelling, and redness or blistering occurs. Wash clothing before reuse.

Eye Contact: Immediately hold eyelids open and flood with clean cold water for at least 20 minutes. Take care not to rinse contaminated water into the non-affected eye. SEEK IMMEDIATE MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. Immediately wash out mouth with water and then give plenty of water to drink. SEEK IMMEDIATE MEDICAL ATTENTION.

Notes to Doctor: Treat symptomatically and as for strongly alkaline corrosive material.

5. FIRE FIGHTING MEASURES

Specific Hazards: Not combustible, however reaction with metals will produce flammable hydrogen gas which will burn if ignited.
Fire- fighting advice: Wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion. Remove containers not involved in the fire from the vicinity.

Suitable Extinguishing Media: Use water fog, foam or dry agent.

Hazchem Code: 2X

Flammability: Non flammable or combustible.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Slippery when spilt. Clear area of all unprotected personnel. Contain using sand and soil. Prevent run off into drains and waterways. Use absorbent(soil or sand, inert material, vermiculite). Collect and seal in properly labelled containers for disposal. Caution- heat may be evolved on contact with water. If contamination of sewers or waterways has occurred advise the local emergency services. Refer to State Land and waste authority for disposal. Sea water may be used as a decontaminant for soil heavily contaminated with this product.

7. HANDLING AND STORAGE

Handling advice: Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet.

Storage advice: Keep containers closed at all times Store away froms acids and ammounium salts. Do not store in aluminium or galvanised containers or use diecast zinc or aluminium bungs. Steel bungs should be used. Reacts exothermically with water. Heat evolved may cause boiling and spattering. Check regularly for spills and leaks.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: TLV – TWA for potassium hydroxide is 2mg/m^3

Engineering Controls: Natural ventilation should be sufficient, however where vapours are generated the use of a local ventilation system is recommended.

Personal Protection Equipment: If engineering controls are not effective in controlling airborne exposure then a supplied air respirator should be used. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

The use of faceshield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves – Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

The use of plastic apron, sleeves, overalls, and rubber boots are recommended. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear thin liquid
Boiling Point: 125ºC
Melting Point: Not Known
Flash Point: Non Flammable
Vapour Pressure: 17 mm Hg @ 20ºC
Vapour Density (Air = 1): 0.6
Flammability Limits: Non Flammable
Specific Gravity: 1.24
pH (1% solution): 13.3
Solubility in water: Soluble in all proportions
Corrosiveness: Corrosive to human tissue and some non-ferrous metals.

10. STABILITY AND REACTIVITY

Stability: Stable under normal circumstances.

11. TOXICOLOGICAL INFORMATION

Oral (Rabbit): 1500mg/kg

Acute Health Effects:

Ingested: Corrosive. Causes severe burns to mouth, throat and gastro-intestinal tract. Can result in vomiting, diarrhoea, abdominal pain, swelling of the larynx and subsequent suffocation, perforation of the gastrointestinal tract, cardiovascular collapse and coma.

Eye: Corrosive to eyes, contamination of the eye can result in permanent injury.

Skin: Corrosive. May cause burns to the skin. Contact to the skin will result in severe irritation. Repeated or prolonged contact may lead to irritant contact dermatitis. Skin contact often does not cause pain, thus care should be taken to avoid contaminated gloves and boots.

Inhaled: Inhalation of mists will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

Chronic: Chronic effects are unlikely due to the severity of the acute effects.

12. ECOLOGICAL INFORMATION

Avoid contaminating the environment with concentrated material. Avoid disposal to natural waterways with concentrated non-neutralised solutions.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: 3266

Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S

Dangerous Goods Class: 8

Subsidiary risk: N/A

Packing Group: II

Hazchem Code: 2R

Road and Rail Transport: Classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code for transport by road and rail.



15. REGULATORY INFORMATION

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Classification of the substance or mixture:
Skin Corrosion – Sub - category 1A

SIGNAL WORD: DANGER



Hazard Statement(s):
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Poisons Schedule: 6

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but July be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since AXI KEM can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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