

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: GRILL SUPREME LC305

Synonyms:

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

Supplier: Advance Chemicals

ABN: 61 005 625 025

Street Address: 4 – 8 Malton Court, Altona, 3018

Telephone Number: (03) 9398 4444

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

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P270 – Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/eye protection/ face protection.

Response:

P301 + P330 + 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	Risk phrases
Potassium Hydroxide	1310-58-3	10 – <30%	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. Seek medical attention if skin irritation, swelling, and redness or blistering occurs. Wash clothing before reuse.

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Eye Contact: Immediately hold eyelids open and flood with clean cold water for at least 15 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 flammable, however reaction with metals will produce flammable hydrogen gas which will burn if ignited.

Fire fighting advice: Wear self-contained breathing apparatus along with full protective equipment and clothing. Remove containers not involved in the fire from the vicinity.

Fire Extinguishing Media: Use water fog, foam, CO₂ or dry agent.

Hazchem Code: 2X

Flammability: Not 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 runoff into drains and waterways. Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labelled containers for disposal. 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 from acids and ammonium salts. Do not store in aluminium, galvanised, tin, diecast zinc or aluminium metals and alloys. Steel bungs must be used. Check regularly for spills and leaks.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: TLV – TWA for potassium hydroxide is 2 mg/m³

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Engineering Controls: Natural ventilation will 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 must 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 can 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear thin liquid

Boiling Point: 125°C

Melting Point: Not Known

Flash Point: Non Flammable

Vapour Pressure: 17 mm Hg @ 20°C

Vapour Density (Air = 1): 0.6

Flammability Limits: Not applicable

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

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Acute Health Effects:

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

Eye: Causes conjunctival edema and cornea destruction.

Skin: Causes 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 must be taken to avoid contaminated clothing and equipment.

Inhaled: Inhalation of mists will result in upper 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: 2X

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



SEA: Classified as Dangerous Goods according to the International Maritime Dangerous Goods Code (IMDG Code).

15. REGULATORY INFORMATION

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

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 may 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 ADVANCE CHEMICALS cannot anticipate or control the conditions under which this information can be used, each user must review this information in the specific context of the intended application.

ADVANCE CHEMICALS will not be responsible for any damage or loss of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State or Territory legislation.

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