

Product Name: OVEN & GRILL CLEANER

Date of Issue: JUNE 2021

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SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	GLEAM-IT PRODUCTS		
ADDRESS:	Unit 4, 12 Commercial Drive, Ashmore, Qld 4214 Australia.		
Trade Name:	OVEN & GRILL CLEANER		
TELEPHONE:	(07) 5531 1544	FAX:	(07) 5591 1800
AH EMERGENCY TELEPHONE:	13 1126 in Australia	Product Code:	
Substance:	Cleaning liquid	Product Use:	Oven & Grill detergent
Creation Date:	June 2021	Revision Date:	June 2026

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	Classified as Schedule 6 Poison
Dangerous Goods	Classified as Class 8 Dangerous Goods
GHS Classification	Eye Damage Category 1 Skin Corrosion Category 1B Corrosive to Metals Category 1 STOT Single Exposure Category 3 (respiratory tract irritation)

Label elements

GHS label pictograms	
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Signal word **DANGER**

Hazard statement(s)

H318	Causes serious eye damage.
H314	Causes severe skins burns.
H290	May be corrosive to metals.
H335	May cause respiratory irritation.

Precautionary statement(s): General

P102	Keep out of reach of children.
P103	Read label before use.

Precautionary statement(s): Prevention

P261, 271	Do not breathe mist. Use only outdoors or in a well-ventilated area.
P280	Wear eye protection and protective gloves.
P264	Wash hands thoroughly after handling.
P234	Keep only in original container.

Precautionary statement(s): Response

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353	IF ON SKIN (or hair): remove immediately all contaminated clothing. Rinse skin with water.
P310	Immediately call a POISON CENTER or doctor.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P321	Specific treatment (see First Aid Measures on Safety Data Sheet).
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
Precautionary statement(s): Storage	
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.
Precautionary statement(s): Disposal	
P501	Dispose of contents/container in accordance with local regulations.
Note	
IMPORTANT	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Potassium hydroxide	1310-58-3	<10% w/w
Sodium hydroxide	1310-73-2	<10% w/w
Ingredients determined to be non-hazardous at the concentrations used.	various	to 100 % w/w

SECTION 4 – FIRST AID MEASURES

Inhalation	Remove victim to fresh air away from exposure. Obtain medical attention if symptoms occur.
Skin contact	Immediately wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness persists.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician.
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Advice to Doctor	Treat symptomatically.
Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Eye wash station. Normal washroom facilities.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Non-combustible
Extinguishing Media	Use an extinguishing media suitable for surrounding fires. Use carbon dioxide (CO2) fire extinguisher, water fog or alcohol resistant foam or fine water spray.
Fire Fighting	In case of small fire use water. In case of major emergency use PPE: breathing apparatus (SCBA) and full protective equipment. Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.
Flash Point	NA




SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Prior to clean-up take necessary protective measures and inform others to keep a safe distance. Spillages will be slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by licensed disposal company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.
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SECTION 7 – HANDLING AND STORAGE

Handling	Avoid skin or eye contact with concentrate. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered. Launder contaminated clothing before re-use.
Storage	Store in a cool, dry, well-ventilated area, out of direct sunlight and out of reach of children. Large quantities should be stored in a bunded area. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed when not in use. Store away from incompatible materials. Do not mix with other chemicals. Clean up all spills and splashes promptly to avoid secondary accidents. Ensure that storage conditions comply with applicable local and national regulations.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	Exposure Limits, as published by Safe Work Australia: Time-weighted Average (TWA): None established for product. Sodium Hydroxide (ingredient) = 2 mg/m ³ ; Potassium Hydroxide (ingredient) = 2 mg/m ³
Engineering Controls	Consider local mechanical exhaust/extraction to keep airborne contamination below limits. Do not use on aluminium, tin, zinc or galvanized iron.
Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;
Eye Protection 	Safety glasses with full face shield should be used for handling concentrate in quantity, cleaning up spills, decanting, etc. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection 	Wear gloves of impervious material such as butyl rubber, natural latex, neoprene, PVC and nitrile – to handle in quantity, clean up spills, decanting, etc. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection 	Suitable protective workwear, e.g. rubber or plastic apron, sleeves, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.
Respirator	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. 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, in order to make any necessary changes for individual circumstances.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Colour	Pale tan
Odour	Chararacteristic	Specific Gravity	1.13 – 1.15
Boiling Point	Not available	Freezing Point	Not available
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not applicable	Flammable Limits	Not available
Water Solubility	Miscible in all proportions	pH	>13
Volatile Organic Compounds (VOC)	Not available	Per Cent Volatile	Not available
Viscosity	Slightly viscous	Odour Threshold	Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	May react violently with strong acids. May react vigorously or violently with reducing agents or peroxides. Contact with some metals will generate flammable hydrogen gas. Contact with ammonium salts will generate poisonous ammonia gas.
Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatibilities	Acids, oxidizing agents, ammonium salts and soft metals.
Hazards from Combustion	Water vapour, oxides of nitrogen, oxides of phosphorous.
Hazardous Decomposition	Thermal decomposition may result in the release of toxic and/or irritating fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

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:

Inhalation	Inhalation of vapours can lead to a build-up of fluid in the lungs (pulmonary oedema), which can be fatal. Onset of symptoms may be delayed.
Skin contact	Corrosive. Can cause severe burns and desquamation. Moderate to severe irritant.
Eye contact	Contact will cause serious eye damage. Severe irritant.
Ingestion	Corrosive. Causes severe burns and desquamation. Severe irritant. Moderately toxic.
Chronic exposure	Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.
Toxicology Information	LD50 Sodium hydroxide: 500mg/kg oral, (rabbit).
Carcinogen Status	
SWA	No significant ingredient is classified as carcinogenic by SWA.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.
Respiratory sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	Not expected to be a skin sensitizer.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Expected to cause irritation to respiratory organs.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity	Expected to be toxic to aquatic life with long lasting effects.
Persistence and degradability	No data available

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Bio accumulative potential	No bioaccumulation is expected.
Mobility in soil	Due to its physicochemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.
Other adverse effects	Not available
Environmental Protection	Do not discharge this material into waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS

	Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.
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SECTION 14 – TRANSPORT INFORMATION

Labels Required	
ADG	Classified as Dangerous Goods
Proper Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S (contains Potassium Hydroxide, Sodium Hydroxide)
IMDG Marine Pollutant	None allocated
Land Transport (ADG)	
UN Number	3266
ADG Code	Class 8
HAZCHEM Code	2X
Special Provisions	None allocated
Packing Group	II
Packaging Method	None allocated
Segregation	Refer ADG code. Segregate from Class 2, 3, 4 & 5

SECTION 15 – REGULATORY INFORMATION

GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	Schedule 6 Poison
ADG Code	Class 8
AICS	All ingredients present on AICS

SECTION 16 – OTHER INFORMATION

Issue Date	23 June 2021
Version Number	V1: New product
Abbreviations and acronyms	ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail. AICS: Australian Inventory of Chemical Substances. CAS Number: Chemical Abstracts Service Registry Number. GHS: Globally Harmonized System of Classification and Labelling of Chemicals HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services. HSIS: Hazardous Substances Information System IARC: International Agency for Research on Cancer. SWA: National Occupational Health and Safety Commission. NTP: National Toxicology Program (USA). SDS: Safety Data Sheet

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	<p>STEL: Short Term Exposure Limit.</p> <p>SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA: Time Weighted Average.</p> <p>UN Number: United Nations Number.</p>
Literature references	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>“Australian Exposure Standards”. Safework Australia</p> <p>Australian Code for The Transport Of Dangerous Goods By Road And Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Safety Data Sheets – individual raw materials – Suppliers</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p>
Disclaimer	<p>This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.</p>

End of SDS