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**IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

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Company: Cleaning Essentials On the Run  
Address: 1 Audrey Court, Toowoomba, QLD, 4350  
Phone: 4636 2679 Fax:4636 2677  
Emergency Telephone Number: Poisons Information Centre 131126

**Product Name: AUTO DISHWASH LIQUID**

Other Names: None  
Manufacturer's Product Code: glac  
Recommended Use: Alkaline Liquid Detergent

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**HAZARDS IDENTIFICATION**

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**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**  
**CLASSIFIED DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE for Transport**

Risk Phrases: R 35.

Safety Phrases: S2 – 26 - 37/39 - 45

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**COMPOSITION / INFORMATION ON INGREDIENTS**

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**INGREDIENTS**

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Sodium hydroxide	1310-73-2	1 - 10
Ingredients determined not to be hazardous		to 100

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**FIRST AID MEASURES**

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**FIRST AID TREATMENT**

**Swallowed:** If swallowed, **DO NOT** induce vomiting. Give a glass of water and seek medical advice.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

**Inhaled:** Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

**First Aid facilities:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

**Advice to Doctor:** Treat symptomatically.

**Additional Information:** None available.

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**FIRE FIGHTING MEASURES**

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**Fire/Explosion Hazard:** This product is not combustible. Fire fighters to wear self-contained breathing apparatus in the event of a fire. Use water fog, or fine spray mist to extinguish.

**Additional Information:** Run off water may be alkaline. Hazchem 2 X.

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**ACCIDENTAL RELEASE MEASURES**

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**Spills and Disposal:** Spills may be slippery. Remove non-essential personnel from the area. Ensure that any acids or other products of incompatible classes near the spill are removed. Dam and recover. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth. Consult Local Authority on disposal

## Product: AUTO DISHWASH LIQUID

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### HANDLING AND STORAGE

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**Precautions for Safe Handling and Storage:** Classified Dangerous Goods for storage. When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

**Dispensing:** Always use clean and dry equipment to dispense the product. Dispenser should be cleaned before and after use.

**Dispensing equipment:** All dispensers should be suitable for this alkaline product.

**Flammability:** Non-combustible material.

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### EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Exposure Standards:** There are no exposure standards available for this product. Worksafe Australia has set an exposure standard of 2 mg/m<sup>3</sup> with peak limitation for the component Sodium Hydroxide.

**Personal Protective Equipment:** Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment should be worn: chemically impervious gloves, safety glasses, overalls, waterproof apron and rubber boots. Safety Glasses are strongly recommended. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

**Engineering Controls:** Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

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### IDENTIFICATION

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#### PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	Clear water white liquid
Odour	Bland
Boiling Point (°C):	Approximately 100
Vapour Pressure (mmHg @ 20°C):	Not measured
Specific Gravity (g/ml @ 25°C):	1.130 – 1.170
Flashpoint (°C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Miscible with water
pH:	> 13.0

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### STABILITY AND REACTIVITY

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**Reactivity Hazards.** Store in a cool dry place away from heat sources, acidic materials, strong oxidising or reducing agents. Will react with acidic materials, generating heat. Will also attack and react with Aluminium, Zinc, Copper, and Tin metal systems eg galvanising..

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### TOXOCOLOGICAL INFORMATION

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#### HEALTH EFFECTS

*Acute:*

**Swallowed:** Corrosive. Ingestion may cause burns to the throat, nausea, vomiting and abdominal pain.

**Eye:** May cause severe irritation and reddening. Prolonged contact may cause permanent damage.

**Skin:** May cause irritation to the skin.

**Inhaled:** Inhalation of fine mists will cause irritation to the respiratory tract and nasal passages.

**Chronic:** Long term effects chemical scarring of tissue.

#### FIRST AID:

**Swallowed:** If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink and seek medical advice.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor urgently.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

**Inhaled:** Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

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**ECOLOGICAL INFORMATION**

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**Ecotoxicity:** Concentrated product maybe harmful to environment. Ensure concentrated product is well diluted with water & neutralised before disposing of according to Local Authority regulations.

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**DISPOSAL CONSIDERATIONS**

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**Disposal Methods:** Dilution with water and neutralisation before disposal. Ensure waste disposal conforms to Local Authority's waste disposal regulations.

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**TRANSPORT INFORMATION**

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UN Number:	1760	Proper Shipping Name:	Corrosive liquid N.O.S. (alkaline)
Class:	8	Subsidiary Risk:	None allocated
Packing Group:	II	Hazchem Code:	2X

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**REGULATORY INFORMATION**

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Poisons Schedule: 6	Hazardous substances
	R 35 Causes severe burns
	S 2 Keep out of reach of children
	S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S 37/39 Wear suitable gloves clothing and eye/face protection.
	S 45 In case of accident or if you feel unwell, seek medical advice immediately [show the label whenever possible]

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**OTHER INFORMATION**

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Further Information may be obtained by contacting the company on 4636 2679.

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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.

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**END OF MSDS**