

Infosafe No™ VARFY	Issue Date : September 2016	ISSUED by HUNTER
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 Product Name **GLASS WASH DETERGENT**

1. Identification

GHS Product Identifier GLASS WASH DETERGENT

Company Name Hunter Industrials Pty Ltd (ABN 083 330 974)

Address 51-53 Lakewood Blvd
Braeside
Vic 3195 Australia

Telephone/Fax Number Tel: (03) 9586 2888
Fax: (03) 9587 9851

Emergency phone number 0409 949 298

E-mail Address sales@huntind.com.au

Recommended use of the chemical and restrictions on use Glasswashing detergent for use in commercial glasswashing machinery. Can also be used as a manual glasswash detergent.

2. Hazard Identification

GHS classification of the substance/mixture Eye Damage/Irritation: Category 2A
Skin Corrosion/Irritation: Category 2

Signal Word (s) WARNING

Hazard Statement (s) H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Exclamation mark



Precautionary statement – Prevention P264 Wash contaminated skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Precautionary statement – Storage P404 Store in a closed container.

Precautionary statement – Disposal P501 Dispose of contents/container: recycle packaging by replacing cap and returning clean containers to recycler or collection point.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Alkaline Salts		5-15 %
	Other ingredients determined not to be hazardous, including water	N/A	to 100%

4. First-aid measures

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Inhalation	Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly. Seek medical assistance.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation persists see a doctor.
Eye contact	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical, carbon dioxide, foam or water fog, appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, carbon dioxide and oxides of nitrogen and sulphur. Incomplete combustion may generate carbon monoxide.
Specific hazards arising from the chemical	This material is not a flammable or combustible liquid.

6. Accidental release measures

Spills & Disposal	Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very 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 disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.
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7. Handling and storage

Conditions for safe storage, including any incompatibilities	Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
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8. Exposure controls/personal protection

Appropriate engineering controls	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended. Prevent any risk of inhalation of atomised product.
Personal Protective Equipment	Avoid contact with the skin and eyes. Avoid breathing of vapours/gases. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Safety glasses. If risk of splashes into eyes, wear safety glasses with side shields. Gloves, rubber or plastic Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Liquid
Appearance	Dark green liquid

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Odour	No specific odour.
Boiling Point	100C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.08
pH	12.0 - 13.0
Vapour Pressure	Not available.
Flash Point	None
Flammability	Not flammable.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong alkalis, acids, oxidizing agents.
Hazardous Decomposition Products	Emits smoke and fumes when heated to decomposition.

11. Toxicological Information

Toxicology Information	No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:
Acute Toxicity - Oral	LD50 Mixed surfactants: 1800-3400mg/kg oral, rat.
Ingestion	If ingested in substantial quantities, burning of the mouth, difficulty swallowing, chest pain, increased salivation, nausea, and vomiting can be expected.
Inhalation	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness and headache. During normal use, symptoms are unlikely to occur.
Skin	May cause irritation to the skin, with effects including; Redness and itchiness.
Eye	Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.
Chronic Effects	Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

12. Ecological information

Ecotoxicity	In large concentrations, this product is detrimental to the aquatic environment.
Persistence and degradability	Major components are readily biodegradable.
Mobility	Readily dilutes with water
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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14. Transport information

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Product Name **GLASS WASH DETERGENT**

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. Regulatory information

Poisons Schedule S5**AICS (Australia)** All components listed.**16. Other Information**

Date of preparation or last revision of SDS 25/09/2016**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
Globally Harmonised System of classification and labelling of chemicals**Signature of Preparer/Data Service** Technical Manager 03 9580 2499**Technical Contact Numbers** Emergency Advice All Hours:
Tel: 0409 949 298 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs**Other Information** This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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