

Infosafe No™ VAR2H Issue Date : March 2016 ISSUED by HUNTERST

Product Name **PRO-CLEAN GLASS CLEANER**

Not classified as hazardous

1. Identification

GHS Product Identifier PRO-CLEAN GLASS CLEANER

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 Australia

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use As a glass surface cleaner for windows, mirrors and glass doors.

2. Hazard Identification

GHS classification of the substance/mixture Not classified as Hazardous
Not classified as a Dangerous Good

Signal Word (s) NONE

Hazard Statement (s) None

Precautionary statement – General P102 Keep out of reach of children.
P104 Read Safety Data Sheet before use

Pictogram (s) None

Precautionary statement – Storage P404 Store in a closed container.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Water	7732-18-5	60-100 %
	Ethanol	64-17-5	10-30 %
	Ingredients determined not to be hazardous		0-10 %
	Non hazardous surfactants	Mixture	0-10 %

4. First-aid measures

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.

Skin If skin contact occurs, remove contaminated clothing and wash skin and hair thoroughly with running water.

Eye contact If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Product is a dilute solution of a solvent and a surfactant in water/methylated spirit solution. If swallowed, vomiting should not have been induced because of risk of aspiration of froth into the lungs. Contact Poisons Information Centre.

5. Fire-fighting measures

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Suitable extinguishing media	Use extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, carbon dioxide. Incomplete combustion may generate carbon monoxide.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific hazards arising from the chemical	Not a fire hazard. Not an explosion hazard. In confined spaces, vapours may become concentrated enough to exhibit a momentary flash, but the liquid will not burn.

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

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing concentrated vapours.
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.
Unsuitable Materials	Oxidising agents.

8. Exposure controls/personal protection

Occupational exposure limit values	<u>Name</u>	STEL		TWA		<u>Footnote</u>
		<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
	Ethanol			1880	1000	
Appropriate engineering controls	Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.					
Personal Protective Equipment	Prevent contact with the eyes. Avoid contact with the skin. Avoid breathing vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: Eye/face protection Gloves, rubber or plastic. Industrial Quantities: Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. 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	Clear, pale blue, mobile, frothing liquid.

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Odour	Slight smell of methylated spirit.
Boiling Point	> 80C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.0
pH	6-8
Vapour Pressure	Not available.
Flash Point	>66C
Flammability	Not flammable.
Flammable Limits - Lower	3.3% Ethanol
Flammable Limits - Upper	19% Ethanol
Other Information	Dilute, aqueous solution. May react with strong oxidising agents. Slippery when spilled.

10. Stability and reactivity

Chemical Stability	Product is chemically stable.
Conditions to Avoid	Incompatible materials.
Incompatible Materials	Oxidising agents.

11. Toxicological Information

Toxicology Information	No data available for the mixture. Information presented relates to individual ingredients.
Acute Toxicity - Oral	LD50: Ethanol 7,060 mg/kg oral, rat. Mixed surfactants: >5000mg/kg oral, rat.
Ingestion	Bitter taste. Likely to cause gastric upset, nausea, vomiting and diarrhoea. May cause symptoms of alcohol intoxication. An aspiration risk.
Inhalation	Inhalation of concentrated vapours or aerosols may cause cough, drowsiness, headache and fatigue. Ethanol vapours may be irritating to the nose and eyes at concentrations well below the TLV. Aspiration of froth into the lungs during swallowing or vomiting may cause irritation of lung tissues and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.
Skin	Will have a strong degreasing effect on the skin. May cause irritation. Prolonged skin contact may lead to irritant contact dermatitis.
Eye	Moderate irritant. If contact is prolonged, may cause tissue injury. Vapour can also irritate the eyes.
Chronic Effects	Repeated skin contact may lead to skin irritation and dermatitic effects. Repeated exposure to ethanol vapours may lead to headaches and symptoms of central nervous system depression. Ingestion of ethanol during pregnancy has been linked with adverse reproductive effects, including birth defects, in experimental animals and humans.

12. Ecological information

Ecotoxicity	May be harmful to aquatic organisms.
Persistence and degradability	The surfactant used in this product is reported to be partially biodegradable.
Mobility	Readily transported by water.
Other Adverse Effects	Contains surfactant. May be harmful to aquatic organisms, including fish.

13. Disposal considerations

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Waste Disposal Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.
Product Disposal Avoid disposal to natural waters.
Special precautions for landfill or incineration Unsuitable for incineration.

14. Transport information

Transport Information Non regulated.

15. Regulatory information

Poisons Schedule Not Scheduled
AICS (Australia) All components listed.

16. Other Information

Signature of Preparer/Data Service Technical Manager 0407 610 542

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

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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