

Infosafe No™ VAR2H	Issue Date : January 2012	ISSUED by HUNTERST
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Product Name **PRO-CLEAN GLASS CLEANER**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name PRO-CLEAN GLASS CLEANER
Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address 60 Gleadow Street INVERMAY
 TAS 7248 Australia
Emergency Tel. 0407 610 542
Telephone/Fax Number Tel: 03 6431 9627
 Fax: 03 6432 2083
Recommended Use As a glass surface cleaner for windows, mirrors and glass doors.

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous according to criteria of NOHSC
 NON-HAZARDOUS SUBSTANCE.
 NON-DANGEROUS GOODS.
 Hazard classification according to the criteria of NOHSC.
 Dangerous goods classification according to the Australia Dangerous Goods Code.
Risk Phrase(s) Not classified as hazardous according to criteria of NOHSC

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

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

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 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

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 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

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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.

7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid contact with skin and eyes.
 Avoid breathing concentrated vapours.

Conditions for Safe Storage 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

National Exposure Standards	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Ethanol			1880	1000	
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.
Odour	Slight smell of methylated spirit.
Boiling Point	> 80C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.0
pH Value	6-8
Vapour Pressure	Not available.
Flash Point	>66C
Flammability	Not flammable.
Flammable Limits - Lower	3.3% Ethanol

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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.

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.

Ingestion Bitter taste. Likely to cause gastric upset, nausea, vomiting and diarrhoea. May cause symptoms of alcohol intoxication. An aspiration risk.

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.

Acute Toxicity - Oral LD50: Ethanol 7,060 mg/kg oral, rat.
Mixed surfactants: >5000mg/kg oral, rat.

12. ECOLOGICAL INFORMATION

Ecotoxicity May be harmful to aquatic organisms.

Persistence / 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

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.

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16. OTHER INFORMATION

Signature of Technical Manager (03) 6431 9627

Preparer/Data

Service

Technical Contact

Numbers

Emergency Advice All Hours:
Technical Manager: (03) 6431 9627 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information

NOTICE: This MSDS 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 MSDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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