

Infosafe No™ VARPP Issue Date : September 2016 ISSUED by HUNTER

Product Name **WINDOW CLEANER**

1. Identification

GHS Product Identifier WINDOW CLEANER

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 Spray on wipe off window and glass cleaner, also suitable for the cleaning of all hard surfaces including bench tops, cook tops, etc.

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: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Ethanol	64-17-5	5-15 %
	Ingredients determined not to be hazardous, including water.		to 100%

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. See a doctor.

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 extinguishing media appropriate to surrounding fire.

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Hazards from Combustion Products	Water vapour, carbon dioxide and oxides of sulphur. 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.

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

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			1000		ACGIH TWA
Appropriate engineering controls	None for normal domestic use. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne concentration below 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:- Goggles, face shield or safety glasses Gloves, rubber or plastic Respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. 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 blue liquid
Odour	Mild lavender
Boiling Point	Approx. 100C
Solubility in Water	Miscible with water in all proportions.

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Specific Gravity	0.97
pH	11.0
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 Ethanol: 7060mg/kg oral, rat. Mixed surfactants: 1800-3400mg/kg oral, rat.
Ingestion	May cause irritation to mouth, throat and stomach with possible nausea, vomiting and diarrhoea.
Inhalation	Vapour is irritant to mucous membranes and respiratory tract with effects including: Dizziness, headache and loss of co-ordination.
Skin	Will have a strong degreasing effect on the skin. May cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Can be absorbed through the skin with resultant toxic effects.
Eye	Moderate irritant. If contact is prolonged, may cause tissue injury. Vapour can also irritate the eyes.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitis.

12. Ecological information

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

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	Not Scheduled
AICS (Australia)	All components listed.

16. Other Information

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Product Name **WINDOW CLEANER****Date of preparation** 25/09/2016**or last revision of
SDS****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.

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