

SAFETY DATA SHEET

Bar's Bugs Glass Cleaner with Rain Repellent

Date of issue: 29 November 2021
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1. Identification of the Substance and Supplier.

Product name: Bar's Bugs Glass Cleaner with Rain Repellent

Product use: Windscreen and glass treatment to clean and repel water

Company Details: H.O. Wiles Limited
P.O. Box 13-2215
Auckland 1644
New Zealand
Bar's Leaks Australia LP
P.O. Box 2623
Taren Point NSW 2229
Australia

E-mail Address: admin@howiles.co.nz

Telephone numbers: +64 9 270 2032 +61 417 449 962

Emergency Telephone: National Poisons Centre New Zealand Phone: 0800 POISON
(0800 764-766)
Poisons Information Centre Australia: 13 11 26

2. Hazards identification.



Classified as a hazardous substance according to the criteria in the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001: HSR002528, Cleaning Products (Flammable Hazard) Group Standard 2020.

This material is hazardous according to the health criteria of Safe Work Australia.

Classified as dangerous goods by the criteria of the Australian Code for the transport of Dangerous Goods (ADG) and in New Zealand, according to NZS 5433:2020 Transport of Dangerous Goods on Land.

GHS Categories: Flammable liquids – Category 3
Serious eye damage/eye irritation – Category 2

Signal Word: WARNING

Hazard Statements:

H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.

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Prevention Statements:

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/filling equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye/face protection.

Response Statements:

P101	If medical advice is needed, have product container or label at hand.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use foam or dry chemical extinguishers for extinction.

Storage Statements:

P403+P235	Store in a well-ventilated place. Keep cool.
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Disposal Statements:

P501	Disposal of contents/container should be made in accordance with applicable regional, national, and local laws and regulations.
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3. Composition/Information on Ingredients

Ingredient	CAS Number	Content (% w/w)
2-Propanol	67-63-0	<10%
Other non-hazardous components	-	Balance

4. First aid measures

General Advice:	Treat according to person's condition and specifics of exposure. Treat symptomatically. For further information, the medical practitioner should refer to the phone numbers in Section 1.
Inhalation:	Move to fresh air. Obtain medical attention. If not breathing give artificial respiration.
Ingestion:	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting, immediately contact the NZ National Poison Centre (0800 764 766) or a doctor.

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Skin Contact: Remove contaminated clothing. Wash skin well with soap and water. If skin irritation occurs get medical advice.

Eye Contact: Immediately flush with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing if necessary seek medical assistance.

5. Fire-fighting measures

Extinguishing media In case of fire, use dry chemical or foam.

Hazardous combustion products Oxides of carbon and nitrogen

Precautions for Firefighters The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. Keep upwind of fire. Wear full protective clothing and self-contained breathing apparatus. Keep containers cool with water spray. Do not allow firefighting runoff to enter sewage, effluent systems, drains or water courses.

6. Accidental release measures

Spills and Disposal In the event of a major spill, prevent spillage from entering drains or watercourses. Stop leak if safe to do so and contain spill. Absorb spillage with dry sand, vermiculate or sawdust. Sweep up and shovel using plastic tools into labelled containers for recycling or salvage and dispose of promptly. Recycle containers wherever possible after cleaning. After spills, wash area. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use.

Personal Protection Wear full protective chemically resistant clothing including eye/face protection, gauntlets. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, Nitrile, butyl rubber, neoprene. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in clean-up area, we recommend that you use a suitable dust mask.

Environmental precautions Prevent spilled material from entering drains/surface waters/groundwater. If contamination has occurred, advise local emergency services.

7. Handling and storage

Precautions for safe handling Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under 'Storage' should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

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Conditions for safe storage Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under 'Incompatibilities' in Section 10. Check packaging - there may be further storage instructions on the label.

8. Exposure controls/personal protection

Workplace exposure standards A Workplace Exposure Standard has been established for the product by Worksafe New Zealand for this component:

	WES-TWA	WES-STEL
2-Propanol	400ppm (983mg/m ³)	500ppm (1230mg/m ³)

Appropriate engineering controls Provide sufficient ventilation to keep airborne vapours low.

Personal protective equipment Eye/Face – Protective glasses or goggles that comply with AS/NZS 1336:2014.

Skin – Protective gloves that comply with AS/NZS 2121.2:2020.

9. Physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Alcoholic.
pH @ 20°C	5.8 – 6.2
Specific Gravity	0.99g/mL @20°C
Viscosity @ 20°C	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	>41°C
Flammability	No data available
Explosive Limits	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Solubility	Soluble in water
Partition Coefficient	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available

10. Stability and reactivity

Chemical Stability Stable under normal conditions of handling and storage.

Incompatible materials Oxidising agents, Strong Acids, Alkali metals.

Hazardous decomposition product Combustion forms carbon dioxide and if incomplete carbon monoxide and smoke.

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Hazardous polymerisation This product will not undergo polymerisation reactions.

11. Toxicological information

Health Hazard Summary No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Eye Contact Irritation to the tissues of the eye without prompt first aid.

Inhalation No adverse effects are known.

Skin Contact No adverse effects are known.

Ingestion No adverse effects are known.

Toxicity Data Unavailable.

12. Ecological information

Ecotoxicity No ecological toxicity data is available.
This product is harmful to the aquatic environment.

Persistence and degradability No data available.

Mobility No data available.

13. Disposal considerations

Disposal Considerations Dispose of waste according local body waste regulations.

Suggested Precautions This product cannot be recycled, consider controlled incineration, or contact a specialist waste disposal company.

14. Transport information

Classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land & Dangerous Goods Rule 2005. Regulated for transport of Dangerous Goods: ADG, UN, IATA, IMDG. Meets the definition of a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number: 1993
Proper shipping name: FLAMMABLE LIQUID N.O.S. (Contains 2-Propanol)
Class 3
Packing group III
Marine Pollutant: No
Hazchem: 3Y

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15. Regulatory information

Classified as a hazardous substance according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001: HSR002528, Cleaning Products (Flammable) Group Standard 2020.

All components of this material are listed on, or exempt from, the New Zealand Inventory of Chemicals (NZIOC) and the Australian Inventory of Chemical Substances (AICS).

Trigger quantities for this substance:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	500L (Containers above 5L) 1,500L (Containers below 5L) 250L (Open Containers)
Fire Extinguishers	500L
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1,000L
Emergency Response Plan Trigger Quantities	10,000L

16. Other information

SDS Version Number: 1.0

SDS Effective Date: 29 November 2021

SDS Review Date: 29 November 2026

SDS Regulation: The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No. HSNO COP 8-1 09-06): Preparation of Safety Data Sheets.

AS	Australian Standard
AS/NZS	Joint Australian/New Zealand Standard
EEL	Environmental Exposure Limit
HSNO	Hazardous Substances and New Organisms Act 1996
NZS	New Zealand Standard
TEL	Tolerable Exposure Limit
WES	Workplace Exposure Standard

This SDS is the first version for Glass Cleaner with Water Repellent. It summarises our best knowledge of the health and safety hazard information of the product. All users should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Since the actual use of this product is beyond the control of H. O. Wiles Ltd, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.