

SAFETY DATA SHEET

Bar's Bugs Windshield Cleaner

Date of issue: 9 September 2019
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1. Identification of the Substance and Supplier.

Product name: Bar's Bugs Windshield Cleaner

Recommended Use: For cleaning glass

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: HSR002530, Cleaning Products (Subsidiary) Group Standard 2017.

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

Not 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 5433:2012 Transport of Dangerous Goods on Land.

GHS Categories: Skin corrosion/irritation – Category 3
Aquatic toxicity (Acute) – Category 3

HSNO Classifications: 6.3B, 9.1C

Signal Word: NO SIGNAL WORD

Hazard Statements:

H316 Causes mild skin irritation.
H412 Harmful to aquatic life with long lasting effects.

Prevention Statements:

P103 Read label before use.
P273 Avoid release to the environment.

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Response Statements:

P332+P313 If skin irritation occurs: Get medical advice/attention.

Storage Statements:

None

Disposal Statements:

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

3. Composition/Information on Ingredients

Ingredient	CAS Number	Content (% w/w)

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: No first aid should be needed.

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.

Skin Contact: No first aid should be needed.

Eye Contact: Immediately flush with water for 15 minutes.

5. Fire-fighting measures

Extinguishing media In case of fire, use carbon dioxide, dry chemical, foam, water fog.

Hazardous combustion products None

Precautions for Firefighters The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids.

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. Sweep up and shovel or collect recoverable product into labelled containers for recycling

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	<p>or salvage and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. 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. Advise laundry of nature of contamination when sending contaminated clothing to laundry.</p>
Personal Protection	<p>Wear protective chemically resistant clothing including eye/face protection and gloves. 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.</p>
Environmental precautions	<p>Prevent spilled material from entering drains/surface waters/groundwater. If contamination has occurred, advise local emergency services.</p>

7. Handling and storage

Precautions for safe handling	<p>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.</p>
Conditions for safe storage	<p>Make sure that containers of this product are kept closed. Keep containers dry and away from heat sources. 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.</p>

8. Exposure controls/personal protection

Workplace exposure standards	<p>No exposure limits (WES, TEL or EEL's) have been specifically assigned to this product.</p>
Appropriate engineering controls	<p>No specific exposure controls are needed.</p>
Personal protective equipment	<p>Eye/Face – Protective glasses or goggles that comply with AS/NZS 1336:1997. Skin – Protective gloves that comply with AS/NZS 2121.2:1998.</p>

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9. Physical and chemical properties

Appearance	Clear solution.
Colour	Colourless.
Odour	Mild Alcohol.
pH @ 20°C	6.5 – 7.0
Specific Gravity	No data available
Viscosity @ 20°C	<20cPs @ 50RPM (Brookfield RV – Spindle 1)
Melting Point	No data available
Boiling Point	No data available
Flash Point	No data available
Flammability	No data available
Explosive Limits	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Solubility	Complete 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.
Hazardous decomposition product	Combustion forms carbon dioxide and if incomplete carbon monoxide and possibly smoke. Water is also formed. carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment and unconsciousness followed by coma and death.
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	May cause irritation of the eye.
Inhalation	No adverse effects are known.
Skin Contact	May cause irritation of sensitisation of the skin.
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.
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Persistence and degradability This product is bioaccumulative and readily biodegradable.
Mobility No data available.

13. Disposal considerations

Disposal Considerations Dispose of waste according local body waste regulations.
Suggested Precautions This product may be recycled if unused, or if it has not been contaminated as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

14. Transport information

Not classified as a Dangerous Good according to NZS 5433:2007 Transport of Dangerous Goods on Land & Dangerous Goods Rule 2005. Not regulated for transport of Dangerous Goods: ADG, UN, IATA, IMDG. Not a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. Regulatory information

Classified as a hazardous substance according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001: HSR002530, Cleaning Products (Subsidiary) Group Standard 2017.

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).

16. Other information

SDS Version Number: 1.0

SDS Effective Date: 9 September 2019

SDS Review Date: 9 September 2024

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

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This SDS is the first version for Bar's Bugs Glass Wipes. 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.
