

SAFETY DATA SHEET

Bars Bugs Car Wash & Protectant

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1. Identification of the Substance and Supplier.

Product name: Bars Bugs Car Wash & Protectant

Product Codes: BBCWP2000, BBCWP2L, BBCWP20L, BBCWP3L, BBCWP1IBC

Product use: Car Wash & Protectant

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 admin@barsleaks.com.au

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 – Reprinted 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 5433:2020 Transport of Dangerous Goods on Land.

GHS Categories: Serious Eye Damage – Category 1
Skin Sensitisation – Category 1A

Signal Word: DANGER

Hazard Statements:

H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

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Prevention Statements:

P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing spray or mist.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves and eye/face protection.

Response Statements:

P101 If medical advice is needed, have product container or label at hand.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a doctor.
P321 Specific treatment (see supplemental first aid for skin) on this label.
P333+P313 If skin irritation or rash occurs: Get medical advice.
P362+P364 Take off contaminated clothing and wash it before reuse.

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)
Sodium Lauryl Ether Sulphate	9004-82-4	10 – 30%
Coconut Diethanolamide	61791-31-9	< 10%
Fragrance	Proprietary	< 1%
Diethanolamine	111-42-2	< 1%
Non-hazardous materials	-	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. Do NOT induce vomiting, immediately contact the **NZ National Poison Centre (0800 764 766)** or a doctor.

Skin Contact: Wash skin well with soap and water.

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

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5. Fire-fighting measures

Extinguishing media	In case of fire, use carbon dioxide, dry chemical, foam or water fog.
Hazardous combustion products	Carbon monoxide may be evolved if incomplete combustion occurs.
Precautions for Firefighters	The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. Use adequate respiratory equipment in case of insufficient ventilation.

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 into labelled containers for recycling or salvage and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters sewers or waterways, advise emergency services and relevant authorities immediately. 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.
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.
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.
Conditions for safe storage	Make sure that containers of this product are kept tightly closed. Keep containers dry and in a frost-free well-ventilated place (<35°C). 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.

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8. Exposure controls/personal protection

Workplace exposure standards The following exposure standards have been established for this product by Worksafe New Zealand.

Ingredient	CAS Number	TWA (mg/m ³)
Diethanolamine	111-42-2	13

Appropriate engineering controls Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals. Do not eat, drink, or smoke while handling chemical.

Personal protective equipment Eye/Face – Protective glasses or goggles that comply with AS/NZS 1336:2014.
Skin – Protective gloves that comply with AS/NZS 2161.2:2020.

9. Physical and chemical properties

Appearance Opaque liquid.
Colour Turquoise.
Odour Floral.
pH @ 20°C 10.7 – 10.9 (5% solution)
Specific Gravity 1.07g/mL @20°C
Viscosity @ 20°C 3200 – 3300cPs (RV Spindle 3, 10RPM)
Freezing Point No data available
Boiling Point No data available
Flash Point approx.38°C
Flammability No data available
Explosive Limits No data available
Vapour Pressure No data available
Vapour Density No data available
Solubility Soluble.
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.

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11. Toxicological information

Acute Toxicity	No data available.
Skin	No data available.
Corrosion/Irritation	
Serious Eye Damage	Damage to the tissues of the eye without prompt first aid. Classification based on summation rules at Tier 1 of GHS classification table 3.3.3.
Respiratory or Skin Sensitisation	May cause rash of the skin. Classification based GHS calculation rules.
Germ Cell	No data available.
Mutagenicity	
Carcinogenicity	No data available.
Reproductive	No data available.
Toxicity	
STOT – Single Exp.	No data available.
STOT – Repeat. Exp.	No data available.
Aspiration Hazard	No data available.

12. Ecological information

Ecotoxicity	No ecological toxicity data is available.
Persistence and degradability	No data available.
Bioaccumulation	No data available.
Mobility	No data available.

13. Disposal considerations

Disposal Considerations	Dispose of waste according to local body waste regulations. Containers may be recycled for use with similar products.
Suggested Precautions	This product cannot be recycled, consider controlled incineration, or contact a specialist waste disposal company.

14. Transport information

Not classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land & Dangerous Goods Rule 2005. Not regulated for transport of Dangerous Goods: ADG, UN, IATA, IMDG. Does not meet the definition of a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail Edition 7.7.

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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: HSR002530, Cleaning Products (Subsidiary Hazard) 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).

HSNO Controls – Trigger quantities for this substance

	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1,000L (Serious Eye Damage 1)
Emergency Response Plan Trigger Quantities	1,000L (Skin Sensitisation 1A)

16. Other information

SDS Version Number: 1.0

SDS Effective Date: 17 April 2024

SDS Review Date: 17 April 2029

SDS Regulation: The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No. HSNOCOP 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 Car Wash & Protectant. 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.