

## SAFETY DATA SHEET

---

Bar's Bugs Windshield Cleaner

Date of issue: 17 February 2020  
Page 1 of 6

---

### 1. Identification of the Substance and Supplier.

**Product name:** Bar's Bugs Headlight Sealer

**Recommended Use:** For protecting headlight

**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](mailto: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.

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:** Flammable liquids – Category 2  
Acute toxicity: Oral – Category 5  
Skin corrosion/irritation – Category 3  
Serious eye damage/irritation – Category 1

**HSNO Classifications:** 3.1B, 6.1E, 6.3B, 8.3A



**Signal Word:** DANGER

## SAFETY DATA SHEET

Bar's Bugs Windshield Cleaner

Date of issue: 17 February 2020  
Page 2 of 6

### Hazard Statements:

H225 Highly flammable liquid and vapour.  
H303 May be harmful if swallowed.  
H316 Causes mild skin irritation.  
H318 Causes serious eye damage.

### Prevention Statements:

P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from all ignition sources (sparks, open flames)  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
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 easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

### Storage Statements:

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

### 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)
2-Propanol	67-63-0	>80%
Amino functional polydimethylsiloxane	Proprietary	<10%

## SAFETY DATA SHEET

---

Bar's Bugs Windshield Cleaner

Date of issue: 17 February 2020  
Page 3 of 6

---

### 4. First aid measures

<b>General Advice:</b>	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.
<b>Inhalation:</b>	Move to fresh air. Obtain medical attention. If not breathing, give artificial respiration.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting, immediately contact the <b>NZ National Poison Centre (0800 764 766)</b> or a doctor.
<b>Skin Contact:</b>	Wash off immediately with soap and water.
<b>Eye Contact:</b>	Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Get medical attention.

---

### 5. Fire-fighting measures

<b>Extinguishing media</b>	In case of fire, use carbon dioxide, dry chemical, alcohol-resistant foam, cool exposed containers with water spray.
<b>Hazardous combustion products</b>	Carbon monoxide, carbon dioxide and peroxides may be produced in a fire.
<b>Precautions for Firefighters</b>	The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. Wear self-contained breathing apparatus pressure demand (NZS approved) and full protective gear.

---

### 6. Accidental release measures

<b>Spills and Disposal</b>	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 before collecting in drums, use non-sparking shovels. 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.
<b>Personal Protection</b>	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.
<b>Environmental precautions</b>	Prevent spilled material from entering drains/surface waters/groundwater. If contamination has occurred, advise local emergency services.

## SAFETY DATA SHEET

Bar's Bugs Windshield Cleaner

Date of issue: 17 February 2020  
Page 4 of 6

### 7. Handling and storage

<b>Precautions for safe handling</b>	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.
<b>Conditions for safe storage</b>	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.

### 8. Exposure controls/personal protection

<b>Workplace exposure standards</b>	<b>Component</b>	<b>TWA</b>	<b>STEL</b>
	2-Propanol	983 mg/m <sup>3</sup>	1230 mg/m <sup>3</sup>
<b>Appropriate engineering controls</b>	Ensure adequate local exhaust ventilation.		
<b>Personal protective equipment</b>	Eye/Face – Protective glasses or goggles that comply with AS/NZS 1336:1997. Skin – Protective gloves that comply with AS/NZS 2121.2:1998.		

### 9. Physical and chemical properties

<b>Appearance</b>	Clear solution.
<b>Colour</b>	Colourless.
<b>Odour</b>	Mild Alcohol.
<b>pH @ 20°C</b>	8.0 – 9.0
<b>Specific Gravity</b>	0.78 g/mL
<b>Viscosity @ 20°C</b>	No data available
<b>Melting Point</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Flammability</b>	No data available
<b>Explosive Limits</b>	No data available
<b>Vapour Pressure</b>	No data available
<b>Vapour Density</b>	No data available
<b>Solubility</b>	Complete in water
<b>Partition Coefficient</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available

## SAFETY DATA SHEET

Bar's Bugs Windshield Cleaner

Date of issue: 17 February 2020  
Page 5 of 6

### 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Incompatible materials</b>	Strong oxidising agents, acids, halogens and acid anhydrides.
<b>Hazardous decomposition product</b>	Combustion forms carbon dioxide, carbon monoxide and peroxides. 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.
<b>Hazardous polymerisation</b>	This product will not undergo polymerisation reactions.

### 11. Toxicological information

<b>Health Hazard Summary</b>	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:					
<b>Eye Contact</b>	May cause irritation of the eye.					
<b>Inhalation</b>	No adverse effects are known.					
<b>Skin Contact</b>	May cause irritation of sensitisation of the skin.					
<b>Ingestion</b>	No adverse effects are known.					
<b>Toxicity Data</b>	<table border="1"><thead><tr><th>Component</th><th>LD50 Oral</th></tr></thead><tbody><tr><td>2-Propanol</td><td>3600 mg/kg (mouse)</td></tr></tbody></table>	Component	LD50 Oral	2-Propanol	3600 mg/kg (mouse)	
Component	LD50 Oral					
2-Propanol	3600 mg/kg (mouse)					

### 12. Ecological information

<b>Ecotoxicity</b>	No ecological toxicity data is available.
<b>Persistence and degradability</b>	This product is not bioaccumulative or readily biodegradable.
<b>Mobility</b>	No data available.

### 13. Disposal considerations

<b>Disposal Considerations</b>	Dispose of waste according local body waste regulations.
<b>Suggested Precautions</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.

### 14. Transport information

Classified as a Dangerous Good according to NZS 5433:2007 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.

## SAFETY DATA SHEET

---

**Bar's Bugs Windshield Cleaner**

Date of issue: 17 February 2020  
Page 6 of 6

---

UN Number: 1993  
Proper shipping name: FLAMMABLE LIQUID N.O.S. (contains 2-Propanol)  
Class: 3  
Packing group: III  
EmS Codes: F-E, S-E  
Marine Pollutant: No

---

### 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 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:** 17 February 2020

**SDS Review Date:** 17 February 2025

**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 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.*

---