

MATERIAL SAFETY DATA SHEET

BARS BUG'S

VERSION: 01
DATE: 19/ 03/08

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bars Bug's
SYNONYMS: Bars Bug's Standard Strength, Bars Bug's Premix
PRODUCT CODES: BB375ml, BB0L, BB1L, BB300, BB500, BB5L, BB20L, BB25L, BB600ml

COMPANY: Bar's Leaks (Australia) Pty Limited
DIVISION: Manufacturing
ADDRESS: 44 Kareena Road,
Miranda NSW 2228
Australia

EMERGENCY PHONE: (02) 9524 5236

PRODUCT USE: Glass cleaner. Specifically for motor vehicle washer reservoirs.

SECTION 1 NOTES:

SECTION 2: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION

**NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS
AS DETERMINED BY NOHSC:1008(2004) APPROVED CRITERIA**

SAFETY Non-hazardous.
Wash hands thoroughly after handling.

SECTION 2 NOTES: Bars Bug's is determined to be Non-Hazardous however reasonable care and common sense should always be used when handling any chemicals.
The usual precautions of avoiding contact with eyes, skin and clothing should be adhered to.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>
Ammonia (aqueous)	1336-21-6	< 10%
Other ingredients determined not to be hazardous	N/A	> 90%

For further information contact the manufacturer, details in Section 1.

SECTION 4: FIRST AID MEASURES

EYES: If product comes into contact with the eyes:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. If eye irritation persists get medical advice.

SKIN: Considered to be primary route of exposure.
If product becomes deposited upon the skin:
Flush skin with running water (and soap if available)

INGESTION: Not considered a normal route of entry.
Rinse mouth with water and seek medical advice if you feel unwell.

INHALATION: Not considered a normal route of entry.
Remove to fresh air and seek medical advice if you feel unwell or have breathing difficulty.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:
Treat symptomatically.

SECTION 4 NOTES:

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SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT:

F: N/A
C: N/A

METHOD USED: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: May produce oxides of sulphur and nitrogen on decomposition.

SECTION 5 NOTES: If the concentrate becomes involved in a fire, fire fighting personnel should wear self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Contain large spills with dikes and transfer the material to appropriate containers for disposal. Absorb remaining material or small spills with an inert material and then place in an appropriate chemical waste container. Flush residual spill area with water. Dispose of by approved landfill or recycle in accordance with local body bylaws and regulations.

SECTION 6 NOTES: Not considered to be a significant environmental hazard.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid concentrate contact with eyes, skin and clothing. Avoid breathing vapour, use with adequate ventilation. Always wash hands with soap and water after handling. No special requirements for storage conditions.

OTHER PRECAUTIONS: Wash hands before eating. Remove contaminated clothing and protective equipment before entering eating areas.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special requirements. Non-Hazardous substance.

VENTILATION: Use in a ventilated area.

RESPIRATORY PROTECTION: Avoid breathing vapour. If concerned use approved personal respiratory protection.

EYE PROTECTION: If significant potential of eye contact, wear chemical goggle/facemask and have eye flushing equipment available.

SKIN PROTECTION: During manufacture wear protective clothing and chemical resistant gloves to prevent skin contact. Wear face shield and chemical resistant apron in the likelihood of splashing.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash hands after contact with product.

EXPOSURE GUIDELINES: N/A Non-Hazardous substance.

SECTION 8 NOTES:

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Transparent, green coloured liquid.

ODOR: Faint ammoniacal odour.

pH AS SUPPLIED: 9.5 – 10.0

pH (At specified dilution): 7.0 – 8.0

VAPOUR PRESSURE: N/A

VAPOUR DENSITY: N/A

BOILING POINT RANGE: 95 – 105°C

FREEZING POINT RANGE: -5 – 5°C

SOLUBILITY IN WATER: Soluble.

SPECIFIC GRAVITY (H₂O = 1):
@ 20°C: 1.004 – 1.008

FLASHPOINT: N/A

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Chemically stable under normal conditions of storage and handling.

CONDITIONS TO AVOID (STABILITY):
None known.

HAZARDOUS POLYMERIZATION:
Will not occur.

MATERIALS TO AVOID: This substance will react with materials commonly reactive with water.

HAZARDOUS DECOMPOSITION PRODUCTS:
Not known, but oxides of sulphur and nitrogen may form.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

No data available for this substance.
This substance is classified Non-Hazardous as determined by [NOHSC:1008(2004)]
With normal use exposure no acute or chronic health effects are expected.

Possible routes of exposure through normal use are:
SKIN – most likely route of exposure
EYE – unlikely route of exposure
INHALATION – unlikely route of exposure
INGESTION – unlikely route of exposure

EFFECT FOLLOWING EXPOSURE:

SKIN – Not known. Concentrate may cause slight skin irritation in sensitive individuals.
Normal use dilution, 75ml in 4L water, unlikely to have negative health effect.
EYE – Not known. Concentrate may cause eye irritation.
INHALATION – Not known. Negative health effect unlikely due to very low order of volatiles.
INGESTION – Not known.

SECTION 11 NOTES: No data available for this substance.

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Designated Non - Harmful based on mixture calculations for components present in this substance.

No Ecotoxicity data available for this substance.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Diluted neutralised concentrate may be allowed to enter storm water drains.

Dispose of rinsed empty containers in suitable solid waste bins.

Consult Local Body Waste Management Authority for disposal of large quantities of concentrate at approved sites.

SECTION 14: TRANSPORT INFORMATION

SHIPPING NAME: Not relevant.

DANGEROUS GOODS CLASS: Not relevant.

UN/NA NUMBER: None assigned.

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

Not Applicable.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: Revision 01 prepared 25.03.08

DISCLAIMER:

The information contained herein is believed to be accurate but is not warranted to be so.

Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.