



Car Clean Products NZ Limited
 Ph + 64 9 250 0091 - Fax + 64 9 250 0092 - www.pacer.co.nz
 33 Ha Crescent, Wiri - P O Box 97 948 - Manukau - Auckland 2241 - New Zealand

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Green Rhino Window Cleaner
 Product Code: GRB1
 Product Use: To clean and shine windscreens, mirrors, windows, stainless steel and chrome. Window Cleaner removes without hazing and without streaking road film, dirt and grime

New Zealand Supplier: Car Clean Products NZ Limited
 Address: 33 Ha Crescent
 Wiri
 Auckland

Telephone: 09 250 0091
 Fax Number: 09 250 0092

Emergency Telephone: 0800 POISON (0800 764 766)

Date of MSDS Preparation: February 2014

Section 2. Hazards Identification

Potential Health Effects



Swallowed	Ammonia content may cause gagging or vomiting and gastrointestinal irritation
Eyes	May be a slight irritant
Skin	Not considered to be an irritant
Inhalation	Not likely to pose any problem under normal label use.

Section 3. Composition / Information on Ingredients

This product represents a low toxicological hazard based on the nature and amounts of ingredients.

Ingredients	Proportion (% mass)	CAS Number
Water	>90	7732-18-5
Ethylene Glycol Monobutyl Ether	<7	111-76-2
Nonyl Phenol Ethoxylate	<1	26027-38-3
Aqueous ammonia	<1	1336-21-6

Section 4. First Aid Measures

Routes of Exposure:

Eye	Flush with cold water for at least 15 minutes. Seek medical attention if problems persists
Skin	If skin contact causes irritation remove contaminated clothing and wash thoroughly with soap and water
Ingestion	Give as much water or milk as patient can drink and treat symptomatically. If patient continues to be distressed seek medical attention immediately
Inhalation	Remove to fresh air. If breathing is difficult seek medical attention immediately

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Fire and Explosion hazards	Not a hazard
Fire Fighting Instructions	Wear full protective clothing and self-contained breathing apparatus.

Hazchem 2T

Section 6. Accidental Release Measures

Land Spill or Leaks	Small - Absorb or contain liquid with sand, earth or spill control material. Put leaking containers in a labelled drum or overdrum. Shovel up and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum. Flush contaminated area with plenty of water. Retain washings as contaminated waste Large - Transfer to a labelled, sealable container for product recovery or safe disposal. Treat residues as for small spillage
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Section 7. Handling and Storage

Handling Advice:	Natural ventilation should be adequate under normal use conditions.
Storing Procedures:	Store away from high temperatures and sunlight. Do not store near to food or feedstuffs. Keep containers closed at all times – check bulk amounts regularly for leaks

Section 8 Exposure Controls / Personal Protection

Engineering Controls:	Use in well ventilated areas.
Personal Protective Equipment:	None required for normal label use. It is advisable to wear goggles and gloves and protective overalls for bulk handling or transfer.

Section 9 Physical and Chemical Properties

Physical State:	Liquid
Colour:	Blue
Odour:	Characteristic Odour
pH:	alkaline
Solubility in water, % mass:	100%
Relative Vapour Density (air=1):	2.0
Boiling point:	82-83°C
Freezing Point:	not available
Ignition Point:	not available
Flash Point, °C by PMCC:	not available
Specific Gravity:	approx. 1.0
Vapour Pressure@ 20°C, mmHg:	4.1

Section 10. Stability and Reactivity

Chemical Stability	Stable. Does not react or polymerize.
Conditions to Avoid	High temperatures
Incompatibility	Strong acids
Hazardous Decomposition Products	In bulk quantities and high temperatures ammonia vapour may gradually build up causing headspace pressure .

Section 11 Toxicological Information

Acute Oral Toxicity	LD ₅₀ Rat (oral) > 5000 mg / kg bw
Acute Dermal Toxicity	LD ₅₀ Rat (dermal) > 5000 mg / kg bw
Long term Effects	None expected
Toxicological Data	Not available. Not expected to be carcinogenic, tumorigenic or mutagenic.

Section 12. Ecotoxicological Information

Environmental Precautions:

Ecological Toxicity Low toxicity to aquatic and terrestrial organisms

Environmental Fate:

Soil Readily biodegradable and does not bio accumulate

Water Not expected to be toxic to fish and aquatic organisms, and practically non-toxic to organisms in sewage treatment plants

Environmental Exposure Limits EEL_{water} Not set

Section 13. Disposal Considerations

Dispose as for domestic rubbish or into sewer. Avoid flushing into stormwater drains.

Section 14 Transport Information

Not hazardous for transport

Road, Rail, Marine and Air Transport

UN No	:	Not applicable
Class-primary	:	Not applicable
Packing Group	:	Not applicable
Proper Shipping Name:	:	Not applicable

Section 15	Regulatory Information
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Classification	6.3B, 6.4A, 9.1D
Group Standard	Cleaning products (subsidiary hazard)
ERMA Approval No	HSR002530

Section 16	Other Information
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Supplied in 5lt, 20lt containers. Code: GRB1-5, GRB1-20.

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited
Phone: 09 250 0091, if further information is required.



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GLASS & MIRROR CLEANER

Glass & Mirror Cleaner is formulated to clean and shine mirrors, windows, stainless steel, chrome & fridges.

Removes dirt and grime without hazing and streaking.

Directions:

Spray onto surface to be cleaned and rub with a clean cloth.

Wipe dry with a clean towel or cloth.

Warning:

May be harmful if swallowed.

Can cause eye irritation.

Safety Precautions:

Wash hands thoroughly after handling.

Wear protective gloves and eye/face protection.

Harmful to aquatic life.

First Aid:

If medical advice is needed, have product container or label at hand. If swallowed do NOT induce vomiting – call a POISON CENTRE or doctor/physician. If in eyes – rinse continuously with water for several minutes. If irritation persists get medical advice/attention. In an emergency phone the National Poison Centre (24 hours): 0800 POISON (764 766).