



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: Mould Breaker  
 Product Code: GRO2  
 Product Use: Eradication of moss & mould from exterior surfaces.

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  | Gastrointestinal irritation, vomiting, nausea |
| Eyes       | Transient pain, irritation, redness           |
| Skin       | No adverse effects with short contact time.   |
| Inhalation | No ill effects under normal label use         |

### Section 3. Composition / Information on Ingredients

| Ingredients                        | Proportion (% mass) | CAS Number |
|------------------------------------|---------------------|------------|
| Water                              | <90                 | 7732-18-5  |
| Nonyl Phenol Ethoxylate Ethoxylate | <20                 | 26027-38-3 |
| Benzalkonium Chloride              | <10                 | 8001-54-5  |
| Sodium Hypochlorite                | <2                  | 7681-52-9  |
| Biocide                            | <5                  | 7173-51-5  |

### Section 4. First Aid Measures

Routes of Exposure:

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| Eye        | Flush with water for at least 15 minutes. Seek medical attention if problems persist                |
| Skin       | Wash with soap and water if skin is red or itchy from contact. Apply a soothing barrier cream.      |
| Ingestion  | Give large quantities of water. Do not induce vomiting. Seek medical attention if problems persist. |
| Inhalation | Not applicable                                                                                      |

### Section 5. Fire Fighting Measures

|                              |                    |
|------------------------------|--------------------|
| Suitable Extinguishing media | Water spray or fog |
| Fire and Explosion hazards   | Not combustible    |
| Fire Fighting Instructions   | Hazchem Code 2X    |

### Section 6. Accidental Release Measures

|                     |                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land Spill or Leaks | Small spills or leaks can be collected for domestic rubbish disposal. Large spills or leaks should be shovelled or pumped into clean containers for decontamination and reuse. |
| Water Spill         | Small spills and leaks should not pose any long term effects to aquatic environment. Large spills should be                                                                    |

advised to the nearest regional council pollution officer to assist with containment.

## **Section 7. Handling and Storage**

Handling Advice: Goggles and gloves should be worn. Natural ventilation should be adequate under normal use conditions. Spillages are extremely slippery.

Storing Procedures: Store away from high temperatures and sunlight. Do not store near to food or feedstuffs. Keep containers closed at all times - check regularly for leaks

## **Section 8 Exposure Controls / Personal Protection**

Engineering Controls: No special requirements

Personal Protective Equipment: Goggles and gloves should be worn for bulk handling and transfer. No PPE required for label use.

## **Section 9 Physical and Chemical Properties**

Physical State: Liquid  
 Colour: Clear  
 Odour: Mild  
 pH: 6.5-7.5  
 Solubility in water: Complete  
 Boiling point, °C : 100  
 Freezing Point: 0°C  
 Specific Gravity: 1.0  
 Vapour Pressure@ 25°C, mmHg: Treat as water

## **Section 10. Stability and Reactivity**

Chemical Stability: Stable  
 Conditions to Avoid: High temperatures > 40°C  
 Incompatibility: Strong acids or alkalis  
 Hazardous Decomposition Products: None

## Section 11 Toxicological Information

|                       |                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute Oral Toxicity   | LD <sub>50</sub> Rat (oral) > 2000 mg / kg bw                                                                                                                              |
| Acute Dermal Toxicity | no data available.                                                                                                                                                         |
| Toxicological Data    | Based on the nature and quantity of ingredients any adverse toxicological effects will be minimal. However in rare cases some individuals could show chemical sensitivity. |

## Section 12. Ecotoxicological Information

### Environmental Precautions

*Ecological Toxicity* No environmental hazard under normal conditions

### Environmental Fate ;

*Soil* Biodegradable. Should not persist or bioaccumulate

*Water* Biodegradable. Should not persist or bioaccumulate

Environmental Exposure Limits EEL<sub>water</sub>

## Section 13. Disposal Considerations

Rinse empty containers for disposal in domestic rubbish. Absorb large spills or leaks with spill kit material and place in waste bin for trade waste disposal. Sweep or pump free liquid where possible for transfer back to original container

## Section 14 Transport Information

### Road, Rail, Marine and Air Transport

Not classified as a dangerous good for transport according to NZS5433:2007 Part 1

## Section 15 Regulatory Information

|                  |                                                 |
|------------------|-------------------------------------------------|
| Classification   | 6.1C, 6.3B, 6.4A, 6.5B, 6.9B, 8.2C, 8.3C, 9.1A. |
| Group Standard   | Cleaning product (subsidiary)                   |
| ERMA Approval No | HSR002530                                       |

|                   |                          |
|-------------------|--------------------------|
| <b>Section 16</b> | <b>Other Information</b> |
|-------------------|--------------------------|

Supplied in 5lt. Code: GRO2-5  
Supplied in 20lt. Code: GRO2-20

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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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## MOULD BREAKER

### PURPOSE:

Mould Breaker gives long term treatment and removal of unsightly, destructive mould, moss, algae, fungi and lichen without scrubbing or time consuming & harmful waterblasting.

Ideal for use almost anywhere, including concrete, pavers, surrounds, fibrolite, timber, outdoor furniture, astro-grass, fiberglass, iron/colour steel, weather board etc.

### DIRECTIONS:

Dilute 1 part Mould Breaker to 10 parts water. For best results apply diluted Mould Breaker with a non-atomised spray system e.g. garden sprayer or backpack sprayer, or use as per a waterblaster's guidelines. Soak the area with diluted Mould Breaker at a rate of ½ litre to a square metre. Apply late afternoon for best results. Apply only to dry surfaces. Do not apply if rain is expected within 6 hours of application.

### WARNING:

Harmful if swallowed. May cause eye irritation.

KEEP OUT OF REACH OF CHILDREN.