



MATERIAL SAFETY DATA SHEET

Version #16075NZ-11A

Manufacturer: Sunshine Makers, Inc. 15922 Pacific Coast Hwy. Huntington Harbor CA 92649 USA
Contact: + 800-228-0709 Info@simplegreen.com Website: www.simplegreen.com

PRODUCT NAME: Simple Green® Pre Wash

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Supplier Name ISL Industrial Ltd / Horticom Ltd
Address 40 Crooks Road, East Tamaki Auckland NZ
Telephone 0064 9 274 7365
Fax 0800 301 302 (orders) 0064 9 274 0786 (administration)
Emergency (029) 9166750
Email/ Web www.isl-industrial.co.nz

Uses Use on machine washable fabrics for treatment of soils and stains.

2. HAZARDS IDENTIFICATION

Risk Phrases NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
R36 IRRITATING TO EYES

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Concentration	CAS Number
Water	> 96 %	7732-18-5
Ethylene Glycol Mono Butyl Ether	<2 %	111-76-2
Mixed Ethoxylated Alcohol	< 1 %	proprietary
Colorant	< 1 %	proprietary
Fragrance	< 1 %	proprietary

4. FIRST AID MEASURES

Eyes Flush gently with running water. Seek medical attention if irritation persists.

Inhalation If over exposure occurs leave exposure area immediately. If irritation persists, seek medical advice.

Skin Gently flush affected area with water. Seek medical attention if irritation develops. Launder clothing before reuse.

Ingestion Drink plenty of water to dilute. Mild stomach or intestinal upset may occur due to detergent properties. For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

Advice To Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non flammable.

Fire and Explosion Non flammable. If product is present in a fire, evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.



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6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), contact emergency services where appropriate. Wear splash-proof goggles, PVC/rubber gloves, a Type A (Organic vapour) respirator (where an inhalation risk exists), coveralls and rubber boots. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar, collect and place in sealable containers for disposal.

Hazchem Code None Allocated.

7. HANDLING AND STORAGE

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eyes or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated area (eg. If container is damaged).

Storage Store in cool, dry, well ventilated area. Ensure containers adequately labeled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Ensure adequate natural ventilation

Exposure Standards Ethylene Glycol Mono butyl Ether (111-76-2)
ACGIH TLV-TWA is 20 ppm (97 mg/m³)

PPE Wear splash-proof goggles or face shield when possibility of splashing exists, or when spraying through a pressurized sprayer.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour A translucent clear liquid with an added lavender odor

Solubility Soluble

pH of Liquid 9.5 ± .3

Vapour Pressure 18 mm Hg @20°C

Vapour Density 1.3 (air = 1)

Boiling Point 100.6°C

Freezing Point -9°C

Evaporation Rate > 1 (butyl acetate =1)

Specific Gravity 1.009 ± .3

VOC's < 1.9%

Flammability Not Flammable

Flash Point Not Relevant

Upper Explosion Limit Not Relevant

Lower Explosion Limit Not Relevant

Auto ignition Temperature Not Available

10. STABILITY AND REACTIVITY

Reactivity Not reactive

Decomposition Products May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.



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11. TOXICOLOGICAL INFORMATION

- Health Hazard Summary** Low toxicity – irritant. When used in small quantities, the potential for over exposure is reduced. Use safe work practices to avoid eye/skin contact and vapour generation/inhalation.
- Eye** Irritant. Mild, reversible eye irritation may occur based on relevant laboratory studies. This potential is reduced by immediate rinsing of eyes in case of eye contact.
- Inhalation** Low irritant. No special ventilation is required during use. Large-scale uses indoors should provide an increased rate of air exchange.
- Skin** Low irritant. Mild, reversible skin irritation may occur for those with dermal conditions or chemical sensitivities. A 6-hour exposure to human skin under a patch did not produce irritation. No toxic effects are associated with daily skin exposure. Skin irritation may, however, occur with repeated, prolonged exposure.
- Ingestion** Low toxicity. Large dose ingestion may result in nausea, vomiting and reversible gastrointestinal irritation.
- Toxicity Data** Based on chemical profile this product is expected to have an Oral Toxicity value greater than 5.0 g/kg and a dermal toxicity greater than 2.0 g/kg. (OECD 33, paragraph 3.2)

12. ECOLOGICAL INFORMATION

- Environment** **ATMOSPHERE:** Vapour phase glycols are expected to degrade fairly rapidly by reaction with hydroxyl radicals (e.g. Half life 32 hours for propylene glycol). Removal from air by rainfall is possible.
WATER: Readily degraded via biodegradation.
SOIL: If released to soil, relatively rapid biodegradation should also occur. Leaching to groundwater may occur.

13. DISPOSAL CONSIDERATION

- Waste Disposal** For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.
- Legislation** Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

- Transport** Not classified as a Dangerous Good according to the Australian Code for the transport of Dangerous Goods by Road and Rail
- | | | | |
|-------------------------|----------------|----------------------|----------------|
| UN Number | None Allocated | Packing Group | None Allocated |
| DG Class | None Allocated | Hazchem Group | None Allocated |
| Subsidiary Risks | None Allocated | | |



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15. REGULATION INFORMATION

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS)

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)

16. OTHER INFORMATION

Additional Information COLOUR RATING SYSTEM: Reports are assigned a colour rating of Green, Amber or Red for the purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE: It should be noted that the effects from exposure to this product will depend on several factors including frequency and duration of use, quantity used, and effectiveness of control measures, protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that the users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS:

Mg/m³ – Milligrams per cubic metre

ppm – Parts per million

TWA/ES – Time weighted average or exposure standard

pH – relates to hydrogen ion concentration – this value will relate to a scale of 0 – 14, where 0 is highly acidic and 14 is highly alkaline

CAS # - Chemical Abstract Service number – used to uniquely identify chemical compounds

M – moles per litre, a unit of concentration

IARC – International Agency for Research

Report Reviewed 25 October 2011

Last Reviewed 21 March 2011

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