



MATERIAL SAFETY DATA SHEET

Version #13492NZ-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® Supreme Industrial

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 Concentrated degreaser for industrial cleaning tasks.

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
GROUP STANDARD CLASSIFICATION: CLEANING PRODUCTS (SUBSIDIARY HAZARD) GROUP STANDARD 2006
HSNO APPROVAL NO.: HSR002530
HSNO CLASSIFICATION: 6.4A (H320) CAUSES EYE IRRITATION
Risk Phrases R36 IRRITATING TO EYES
Signal Word CAUTION

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Concentration	CAS Number
Water	> 60 %	7732-18-5
Triethanolamine	< 11%	102-71-6
Propylene glycol n-butyl ether	< 5%	5131-66-8
Proprietary ethoxylated fatty alcohol	< 5%	Not available
Proprietary fatty alkyl cocoamide	< 5%	Not available

4. FIRST AID MEASURES

Eyes Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes, moving lower and upper eyelids away from eye to flush out all product. If irritation persists beyond 12 hours after contact, seek medical attention.

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

Skin Wash with soap and 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 May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

Fire and Explosion This product is non-flammable, non-combustible, and non explosive. Recommended extinguishing media of CO₂ or DRY FOAM should be used on and around Simple Green® Parts Washer. Please refer to Personal Protective Equipment information found in Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT.

Hazchem Code None Allocated.



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6. ACCIDENTAL RELEASE MEASURES

Spillage (Bulk) If spilt contact emergency services where appropriate. Wear splash proof goggles, rubber gloves, 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.

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, removed from oxidizing agents, acids and foodstuffs. Ensure containers are adequately labeled and protected from physical damage when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Ensure adequate natural ventilation

Exposure Standards Triethanolamine (102-71-6)
ACGIH TLV-TWA is 5 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	CLEAR LIQUID	Solubility (water)	SOLUBLE (100%)
Odor	MILD DETERGENT	Specific Gravity	1.025 ± 0.015
pH	10.9 ± 0.8	VOCs	80 g/L
Vapour Pressure	20.7 mm Hg	Flammability	NOT FLAMMABLE
Density	1.024 g/L	Flash Point	None
Boiling Point	100 °C	Upper Explosion Limit	NOT RELEVANT
Freezing Point	Approx 0° C	Lower Explosion Limit	NOT RELEVANT
Nutrient Content	Nitrogen: <0.1 % (0% by formula) Phosphorous: < .25%(by formula) Sulfur: <0.1% (0% by formula)	Auto Ignition temperature	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Reactivity None

Decomposition Products None expected when heated to decomposition

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. Reversible blurred vision may occur.



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11. TOXICOLOGICAL INFORMATION (cont.)

Inhalation	Low irritant. Good ventilation should be present 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. With large doses ingestion may result in nausea, vomiting and reversible gastrointestinal irritation.
Toxicity Data	Oral LD 50 (rat) >5g/kg body weight Dermal LD 50 (rabbit) >2g/kg body weight Toxicity extrapolated from ingredients. Animal testing not conducted.

12. ECOLOGICAL INFORMATION

Environment	ATMOSPHERE: No hazardous ingredients. <80 g/L VOCs WATER: Product will degrade readily via biodegradation. Considered practically non-toxic per EPA's aquatic toxicity scale. SOIL: If released to soil, ready biodegradation of product will occur.
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13. DISPOSAL CONSIDERATION

Waste Disposal Legislation	For small amounts, halt access to avoid slip/fall injury and wash to sanitary sewer. Dispose of in accordance with relevant local legislation.
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14. TRANSPORT INFORMATION

Transport	Not classified as 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		

15. REGULATION INFORMATION

New Zealand AICS	All chemicals listed on the New Zealand Inventory of Chemicals
All components are listed on	All chemicals listed on the Australian Inventory of Chemical Substances (AICS)
Poison Schedule	EINECS and TSCA Inventory 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.
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16. OTHER INFORMATION (cont)

Additional Information 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

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Last Reviewed 23 February 2010

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