

Safety Data Sheet: Simple Green® Outdoor Cleaner

Version No. 35041-23B

Date of Preparation: 29-August-2023

Supersedes: 28-April-2023

Meets requirements of Hazardous Substances (Safety Data Sheets) Notice 2017, as amended September 2022

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Outdoor Cleaner

Additional Names:

Manufacturer's Part Number: Please refer to section 16

Recommended Uses: Concentrated cleaner for removing mould and mildew stains, lichens, mosses, algae and fungi.

Restrictions on Use: Any use not listed on product label.

Supplier: CIPL Pty (2021) Ltd
5 Greenmount Drive
East Tamaki, Auckland, New Zealand

Telephone: 0800 826 470
Email: admin@simplegreennz.com
Website: www.simplegreennz.com

24 hour Emergency Phone: National Poisons Center 0800 764 766

Section 2: HAZARDS IDENTIFICATION

GHS Classification: Skin Irritant – Category 2
Eye Irritant – Category 2
Hazardous to Aquatic Life, Acute – Category 1

Signal Word: WARNING

Pictograms:



Hazard Statements: H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H400 – Very toxic to aquatic life.

Precautionary Statements: P103 – Read Carefully and follow all instructions.
P264 – Wash hands thoroughly after handling.
P273 – Avoid release to the environment.
P280 – Wear protective gloves and eye protection.
P302+P352 – IF ON SKIN: Wash with plenty of water.
P332+P313 – If skin irritation occurs: Get medical advice.
P362 – Take off contaminated clothing.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 – If eye irritation persists: Get medical advice.
P391 – Collect Spillage.
P501 – Dispose of contents in accordance with local regulations.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 93%*
Quaternary Ammonium compound	Proprietary	< 3%*
Ethoxylated Alcohol	68439-46-3	< 3%*
Components below reportable thresholds and not contributing to product hazard		< 1%*

*exact percentage of ingredients are commercially confidential

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Section 4: FIRST AID MEASURES

- If Inhaled:** *Acute and delayed symptoms* - Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.
- If on skin:** *Acute and delayed symptoms* – If skin irritation occurs : Get medical attention.
- If in eyes:** *Acute symptoms* – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. *Delayed symptoms* - If eye irritation persists: Get medical attention.
- If ingested:** *Immediate and delayed symptoms* - May cause upset stomach. Drink plenty of water to dilute. See section 11. For advice, contact a Poisons Information Centre on 0800 734 607 or a doctor.

Section 5: FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:** Use dry chemical, CO₂, water spray or “alcohol” foam. Avoid high volume jet water.
- Specific hazards arising from chemical:** In event of fire created carbon oxides may be formed.
- Precautions for fire-fighters and special protective clothing:** Firefighters should wear self-contained breathing apparatus and full fire-fighting turn-out gear.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Keep people and pets away from area until cleaned and dried. Use chemical resistant gloves and goggles when cleaning up spills. Clean up spills immediately.

Environmental Precautions from spills and release: Capture or diverge spills from open bodies of water. If unable to capture or absorb with inert material, dilute with water at a 1:20 ratio and rinse into sanitary sewer system or ground. Keep wildlife away from area until dried.

How to contain and clean up spill or release: Dike leaking container if possible. Capture leaking material if possible. Soak up spill with inert absorbent material and offer for disposal with appropriate jurisdiction based on volume of material to be disposed.

Section 7: HANDLING AND STORAGE

Precautions for safe handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye contact and spills. Observe good personal hygiene, including washing hands after use and before eating. Remove contaminated clothing and protective equipment before entering eating area. Prohibit eating, drinking and smoking in contaminated area (eg. If container is damaged). Ensure adequate ventilation. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container.

Conditions for safe storage, including incompatibilities: 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. Do not store at temperatures above 109°F (42.7°C).

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No components listed with Work Safe New Zealand WES / TWA / STEL.

Engineering Controls: Not applicable

Individual Protection Measures / Personal Protective Equipment (PPE)

Eye Contact: Safety glasses, goggles or shields.

Respiratory: Use in well ventilated areas with adequate airflow.

Skin Contact: Prolonged exposure or dermal sensitive individuals should use any type of protective gloves such as nitrile.

General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid	Vapor Pressure:	Not determined
Odour:	No added odour	Vapor Density:	Not determined
Odour Threshold:	Not determined	Relative Density:	999.35 - 1002.947 g/L
pH:	8.0 – 11.0	Water Solubility:	100%
Melting Point:	Not applicable	Auto-ignition Temperature:	Not applicable
Freezing Point:	0°C (32°F)	Decomposition Temperature:	42.7°C (109°F)
Boiling Point and range:	101°C (213.8°F) and above	Kinematic viscosity:	Not determined
Flash Point:	Non-flammable	Particle characteristics:	Not determined
Flammability:	Non-flammable		
Upper/lower flammability or explosive limits:	Not applicable		
Partition coefficient: n-octanol/water:	Not determined		

Section 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions 21°C (70°F) and 14.7 psig (760 mmHg)
Chemical Reactivity:	Non-reactive under normal conditions 21°C (70°F) and 14.7 psig (760 mmHg)
Conditions to avoid:	Excessive heat or cold
Incompatible materials:	Do not mix with oxidizers, acids, bathroom cleaners or disinfecting agents.
Hazardous decomposition products:	Normal products of combustion – CO, CO ₂ .

Section 11: TOXICOLOGICAL INFORMATION

Acute

Acute Toxicity:	Oral LD ₅₀ (rat)	> 5 g/kg body weight
	Dermal LD ₅₀ (rabbit)	> 5 g/kg body weight

Calculated via OECD Harmonized Integrated Classification System for Human Health & Environmental Hazards of Chemical Substances and Mixtures

Skin corrosion/irritation:	Causes skin irritation (GHS hazard category 2).
Serious eye damage/eye irritation:	Causes serious eye irritation (GHS hazard category 2).
Respiratory or skin Sensitization:	Formulation properties do not classify under this hazard.
Germ cell mutagenicity:	Formulation properties do not classify under this hazard.
Carcinogenicity:	Formulation properties do not classify under this hazard.
Reproductive toxicity:	Formulation properties do not classify under this hazard.
Specific target organ toxicity-single exposure:	Formulation properties do not classify under this hazard.
Specific target organ toxicity-repeated exposure:	Formulation properties do not classify under this hazard.
Aspiration hazard:	Formulation properties do not classify under this hazard.

Likely routes of exposure:	Inhalation – Overexposure may cause headache.
	Skin contact – causes irritation. Acute or delayed exposure may result in irritation. Look for redness and inflammation and itchiness.
	Eye contact – causes serious irritation. Acute or delayed exposure may result in to irritation. Look for redness and inflammation and itchiness.
	Ingestion – May cause upset stomach.

Data on ingredients determined from Safety Data Sheets, New Zealand Inventory of Chemicals, and EU ECHA REACH Dossiers.

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Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Aquatic: Hazardous to Aquatic Life, Acute – Category 1

Ecotoxicity Terrestrial: Not determined due to limited data.

Presence and degradability: All ingredients exhibit ready biodegradability, biodegradability, or abiotic degradability of soil immobilization.

Bioaccumulation Potential: No ingredients are classified as bioaccumulative.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Unused Product: Dispose through household or business hazardous waste disposal if available. Offer for incineration. Dilute at appropriate ratio and discharge into sanitary sewer system if available. In specific situations, dilute and discharge into septic system. In specific situations dilute and discharge to local environment of dirt or grass. Further water in solution. Keep wildlife aware from area until dried.

Used Product: Dispose through household or business hazardous waste disposal if available. Offer for incineration. Discharge into sanitary sewer system if available. In specific situations, discharge into septic system. In specific situations discharge to local environment of dirt or grass. Further water in solution. Keep wildlife aware from area until dried.

If used product contains chemicals that will classify this waste as hazardous. Be sure to assess used product contaminants and dispose of in accordance with local regulation.

Empty Containers: Triple-rinse with water and offer for recycling if available in your area.

Special Precautions during disposal: Where chemical resistant gloves and goggles when handling concentrate.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

NZTA: Not classified as dangerous good according to the Transport of Dangerous Goods on Land (NZS5433).

IMO / IDMG: Not classified as Dangerous

ICAO/ IATA: Not classified as Dangerous

ADR/RID: Not classified as Dangerous

U.N. Number	None Allocated	Proper Shipping Name:	Cleaning Compound, Liquid NOI
DG Class	None Allocated	Marine Pollutant:	No
Subsidiary Risks	None Allocated	HAZCHEM Code:	None
Packing Group	None Allocated	Special Precautions for Users:	None.

Section 15: REGULATORY INFORMATION

HSNO Approval Number: HSR002530

Group Standard Title Cleaning Products (Subsidiary Hazard) Group Standard 2020 under the HSNO Act 1996.

NZIoC: All chemicals registered on New Zealand Inventory of Chemicals

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Section 16: OTHER INFORMATION

Manufacturer's Part Numbers

SG34002 - 2L	SG34043 - 20L
SG35002 - 2.5L	SG34055 - 208L
SG35005 - 5L	SG34275 - 1041L

Prepared / Revised By: CIPL Pty (2021) Ltd

Date of Preparation: 29-August-2023

Reason for Revision: Updated manufacturer's part numbers in Section 16

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