

Safety Data Sheet: Simple Green® Outdoor Cleaner Concentrate

Version No. 35041-23A Issued: 16 February 2023

Supersedes: 4 May 2021

Prior version no: 35041-21A

Model Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals 08/2020

Section 1: IDENTIFICATION: PRODUCT IDENTIFIER & IDENTITY FOR THE CHEMICAL

Product identifier: Simple Green® Outdoor Cleaner

Other means of identification: Please see section 16

Recommended use of chemical: Concentrated cleaner for removing mould, mildew, fungi, dirt and soot.

Restrictions on use of chemical: Do not use on other surfaces.

Details of manufacturer or importer:

CIPL PTY (2021) LTD C/- Zenexus P/L
20 Southern Court
Keysborough VIC 3173 Australia

Telephone: 1800 517 392

Fax:

Website: www.simplegreennz.com

Email: admin@simplegreennz.com

Emergency Phone: 13 11 26 Australia Poisons Information Centre, Available 24 hours a day, 7 days a week

Section 2: HAZARDS IDENTIFICATION

Classification of the hazardous chemical according to Model Work Health & Safety Regulations:

Eye Corrosive / Irritant – Category 2

Skin Corrosive / Irritant – Category 2

Hazardous to Aquatic Life, Acute – Category 1

GHS Label Elements:

Signal Word: WARNING

Pictogram:



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

Precautionary Statement: 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.

Other hazards which do not result in classification: None known.

SUSMP Classification & Labelling: See Section 15

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

Description of necessary first aid measures

- Inhalation:** *Immediate and delayed symptoms* - Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.
- Skin contact:** *Immediate and delayed symptoms* – If skin irritation occurs, get medical attention.
- Eye Contact:** *Immediate symptoms* – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. *Delayed symptoms* – Proceed as with immediate symptoms.
- Ingestion:** *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 13 11 26 (Australia Wide) or a doctor.

First Aid Facilities: Eye wash station or treatment recommended.

Symptoms caused by exposure: No expected acute, delayed or aggravated conditions or symptoms from exposure to mixture.

Medical attention and special treatment: Treat symptomatically. No testing or monitoring for delayed effect required.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing equipment: *Suitable* - Use dry chemical, CO₂, water spray or “alcohol” foam.
Unsuitable- High volume jet water.

Specific hazards arising from the chemical: *Formulation is non-flammable and will boil until evaporated.*

Special protective equipment and precautions for fire fighters: Keep containers cool with water spray. Firefighters should wear self-contained breathing apparatus and full fire-fighting turn-out gear and eye protection.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Eyeglasses/ goggles and gloves recommended to prevent eye and skin contact. Ensure sufficient ventilation. Area should be roped off to prevent slips and falls and access by people or animals.

Environmental Precautions: Prevent runoff from entering drains, sewers, surface and ground water.

Methods and materials for containment and cleaning up: Cap or plug leaking containers. Cover all drains. Dike or soak up with inert adsorbent material. Dispose of in appropriate waste containers. See Section 13 for disposal considerations.

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 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 out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container.

Conditions for safe storage, including any 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) or freezing temperature.

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Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure standards: Not applicable.

Biological monitoring: Not provided.

Appropriate engineering controls: Use in well ventilated areas and have eyewash stations, eyewash treatments, or showers available.

Personal protective equipment (PPE)

Eye and Face Protection: Safety glasses, goggles or shields required.

Skin Protection: Chemical resistant gloves.

Respiratory Protection: Not necessary.

Thermal Hazards: Not applicable.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Kinematic Viscosity:	Not determined
Colour:	Clear Colourless	Solubility:	100% in water
Odour:	No added odour	Partition Coefficient: n-octanol/water:	Not determined
Melting Point:	n.a.	Vapor Pressure :	20.7 mmHg
Freezing Point:	0°C (32°F)	Relative Density:	0.999 – 1.038 kg/L
Boiling Point & Range:	101°C (213.8°F)	Relative Vapor Density:	Not determined
Flammability:	Non-flammable	Particle Characteristics:	Not determined
Flash Point:	> 100°C (212°F)		
pH:	8.0 – 11.0		
Upper/Lower Flammability or Explosive Limits:	Non-flammable		
Autoignition Temperature:	Non-flammable		

Section 10: STABILITY AND REACTIVITY

Reactivity: Non-reactive.

Chemical stability: Stable under normal conditions 21°C (70°F) and 14.7 psig (760 mmHg).

Possible hazardous reactions: None known.

Conditions to avoid: Excessive heat or cold.

Incompatible materials: Strong acids, alkalines, oxidizers, disinfectants, pesticides, chlorinated products, ammoniated products.

Hazardous decomposition products: None known.

Section 11: TOXICOLOGICAL INFORMATION

Information on Routes of Exposure:

Inhalation - Overexposure may cause headache.

Skin Contact - Causes irritation.

Eye Contact - Causes serious irritation.

Ingestion - May cause upset stomach.

Early onset symptoms related to exposure: No symptoms expected under typical use conditions.

Delayed health effects from exposure: dry skin; redness, irritation or inflammation of skin or eyes

Exposure levels and health effects: Overexposure includes situations where eyes are not rinsed immediately or skin is not rinsed within a few minutes of contact with concentrate.

Interactive effects: None known.

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Section 11: TOXICOLOGICAL INFORMATION - continued

Numerical Measures of Toxicity

Acute Toxicity: Oral LD₅₀ (rat) > 5 g/kg body weight
Dermal LD₅₀ (rabbit) > 5 g/kg body weight
Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals

Skin Corrosion/Irritation: Causes skin irritation (GHS hazard category 2).
Eye Damage/Irritation: Causes serious eye irritation (GHS hazard category 2).
Respiratory or skin sensitization: No ingredients trigger or classify under this category.
Germ Cell Mutagenicity: No ingredients trigger or classify under this category.
Carcinogenicity: No ingredients trigger or classify under this category under NTP, IARC or OSHA.
Reproductive Toxicity: No ingredients trigger or classify under this category.
STOT-Single Exposure: No ingredients trigger or classify under this category.
STOT-Repeated Exposure: No ingredients trigger or classify under this category.
Aspiration Hazard: No ingredients trigger or classify under this category.

Data limitations: There are no data limitations when assessing this mixture.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic: Hazardous to Aquatic Life, Acute – Category 1

Terrestrial: Not tested on finished formulation.

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

Bioaccumulative Potential: No ingredients are classified as bioaccumulative.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Safe handling and disposal methods

Unused or used liquid: 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.

Disposal of packaging

Contaminated packaging: may be considered hazardous depending on contamination – check with local council and/or state environmental authority for advice on disposal of chemicals.

Empty non-contaminated packaging: triple rinse and offer for recycling.

Environmental regulations

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

Section 14: TRANSPORT INFORMATION

U.N. Proper Shipping Name: Cleaning Compound, Liquid NOI

U.N. Number: Not applicable

Transport Hazard Class(es): Not applicable

Packing Group: Not applicable

Environmental Hazards: Marine Pollutant - NO

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Section 14: TRANSPORT INFORMATION - continued

Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code): Unknown.
Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises: None known.
Additional information: Unknown.
Hazchem or Emergency Action Code: No Hazchem or action code applies to this mixture.

AU ADG :	Not classified as Dangerous Good	ICAO/ IATA:	Not classified as Hazardous
IMO / IDMG:	Not classified as Hazardous	ADR/RID:	Not classified as Hazardous

Section 15: REGULATORY INFORMATION

Is the hazardous chemical subject to

Montreal Protocol (Ozone depleting substances):	No
The Stockholm Convention (Persistent Organic Pollutants):	No
The Rotterdam Convention (Prior Informed Consent):	No
Basel Convention (Hazardous Waste):	No
International Convention for the Prevention of Pollution from Ships (MARPOL):	No

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

Poison Schedule: SUSMP - Schedule 5. Warning. Irritant. May Irritate Eyes and Skin.

Section 16: OTHER INFORMATION

Manufacturer's Part Numbers

SG35002 - 2 Litre
SG35002 - 2.5 Litre
SG35025 - 2.5 Litre
SG35004 - 4 Litre

Prepared / Revised By: CIPL Pty (2021) Ltd

This SDS has been revised in the following sections: GHS categories updated

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