

Safety Data Sheet: Simple Green® Deck & Fence Cleaner

Version No. SG35060-21A Issued: 4 May 2021

Supersedes: 1 August 2019

Prior version no: SG35060-19A

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® Deck & Fence Cleaner

Other means of identification: Please see section 16

Recommended use of chemical: Cleaning Solution for manual or mechanical application to decks, fences and other rinsable surfaces.

Restrictions on use of chemical: Do not use on non-rinsable 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 2A

This is a dual use product and complies with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements.

Label Elements:

Signal Word: Warning

Pictogram:



Hazard Statement: Causes serious eye irritation.

Precautionary Statement: Wash hands thoroughly after handling.

Wear eye protection. Wear protective gloves (when handling the concentrate).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

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	> 89%*
Ethoxylated Alcohols	Proprietary	< 5.00%*
Hydrogen Peroxide	7722-84-1	< 5.00%*
Tetrasodium Glutamate Diacetate	51981-21-6	< 1.00%*
Citric Acid	77-95-9	< 1.00%*
Etidronic Acid	2809-21-4	< 0.50%*

*exact percentage of ingredients are commercially confidential

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.

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Section 4: FIRST AID MEASURES - continued

Eye Contact: *Immediate symptoms* – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

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.

See Section 16 for NFPA information

Section 6: ACCIDENTAL RELEASE MEASURES

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

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 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 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 95°F (35°C).

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure standards: Hydrogen peroxide (7722-84-1), TWA, 1 ppm

Biological monitoring: Not provided.

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

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Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION - continued

Personal protective equipment (PPE)

Eye and Face Protection:	Safety glasses, goggles or shields recommended.
Skin Protection:	Not necessary. PVC or nitrile gloves suggested for individuals prone to dry skin.
Respiratory Protection:	Not necessary.
Thermal Hazards:	Not applicable.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid	Partition Coefficient: n-octanol/water:	Not determined
Odour:	No added odour	Autoignition Temperature:	Non-flammable
Odour Threshold:	Not determined	Decomposition Temperature:	42°C (109°F)
pH:	6.0 – 8.0	Viscosity:	Like water
Freezing Point:	0°C (32°F)	Specific Gravity:	1.00 – 1.015
Boiling Point & Range:	101°C (213.8°F)	VOCs:	**Water & fragrance exemption in calculation
Flash Point:	>100°C (212°F)	CARB Method 310**:	0 g/L 0.1%
Evaporation Rate:	Not determined	VOC Composite Partial Pressure:	Not determined
Flammability (solid, gas):	Non-flammable	Relative Density:	0.999 – 1.008 kg/l
Upper/Lower Flammability or Explosive Limits:	Non-flammable	Solubility:	100% in water
Vapor Pressure:	Not determined		
Vapor Density:	Not determined		

Section 10: STABILITY AND REACTIVITY

Reactivity:	Non-reactive.
Chemical stability:	Stable under normal conditions 21°C (70°F) and 14.7 psig (760 mmHg).
Conditions to avoid:	Excessive heat or cold.
Incompatible materials and possible hazardous reactions:	None known
Hazardous decomposition products:	Normal products of combustion – CO, CO2

Section 11: TOXICOLOGICAL INFORMATION

Information on Routes of Exposure:

Inhalation -	Overexposure may cause headache.
Skin Contact -	Not expected to cause irritation.
Eye Contact -	Causes serious eye irritation.
Ingestion -	May cause upset stomach.

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

Delayed health effects from exposure: No symptoms expected under typical use conditions. Overexposure may lead to headache and dry skin.

Numerical Measures of Toxicity

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

Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals

Skin Corrosion/Irritation:	Mixture does not classify under this category.
Eye Damage/Irritation:	Causes serious eye irritation (GHS hazard category 2A).
Respiratory or skin sensitization:	Mixture does not classify under this category.
Germ Cell Mutagenicity:	Mixture does not classify under this category.
Carcinogenicity:	Mixture does not classify under this category.
Reproductive Toxicity:	Mixture does not classify under this category.

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Section 11: TOXICOLOGICAL INFORMATION - continued

STOT-Single Exposure: Mixture does not classify under this category.

STOT-Repeated Exposure: Mixture does not classify under this category.

Aspiration Hazard: Mixture does not classify under this category.

Exposure levels: No ingredients have recognized exposure levels

Interactive effects: Not known.

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

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

Aquatic: Not tested on finished formulation.

Terrestrial: Not tested on finished formulation.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

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: may be considered hazardous in your area depending on usage and tonnage of disposal – check with local council and/or state environmental authority for advice on disposal of chemicals.

Disposal of packaging

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

Empty non-contaminated packaging: may be offered 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

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

IMO / IDMG: Not classified as Hazardous

ICAO/ IATA:

Not classified as Hazardous

ADR/RID:

Not classified as Hazardous

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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: A poison schedule number has not been allocated to this product using the criteria in the standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Section 16: OTHER INFORMATION

Manufacturer's Part Numbers

SG35060 - 4 Litre

NFPA:

Health –Irritant	Stability – Stable
Flammability – Non-flammable	Special - None

Prepared / Revised By: CIPL Pty (2021) Ltd

This SDS has been revised in the following sections: Section 1

DISCLAIMER: The information provided with this SDS is furnished in good faith and without warranty of any kind. Personnel handling this material must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of this material and the safety and health of employees and customers.