

Safety Data Sheet: Simple Green® Antibacterial Cleaner

Version No. SG35001-22A

Date of Preparation: 12-December-2022

Supersedes: 19-April-2021

Meets requirements of Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Antibacterial Cleaner Concentrate

Additional Names:

Manufacturer's Part Number: Please refer to section 16

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

Emergency Phone: 0800 764 766

Recommended Uses: Concentrated antibacterial cleaner for water safe rinsable surfaces.

Section 2: HAZARDS IDENTIFICATION

HSNO Classification: 8.2C – Dermal - Corrosive

GHS Classification: Skin Corrosive/irritant – 1C

Signal Word: DANGER

Pictogram:



Hazard Statement : H314 – Causes severe skin burns and eye damage

Precautionary Statements:

- P260 – Do not breathe dusts or mists.
- P264 – Wash hands thoroughly after handling.
- P280 – Wear protective gloves/eye protection.
- P301 + P330 + P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P363 – Wash contaminated clothing before reuse.
- P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P310 – Immediately call a POISON CENTER.
- P321 – Specific treatment (see first aid on this label).
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P405 – Store locked up.
- P501 – Dispose of contents/container in accordance with local/regional/national regulations.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 90%*
L(+)-Lactic acid	79-33-4	< 6%*
Ethoxylated Alcohol	68439-46-3	< 1%*
Sodium Citrate	68-04-2	< 1%*
Tetrasodium Glutamate Diacetate	51981-21-6	< 1%*
Fragrance	Proprietary Mixture	< 1%*
Ethoxylated Alcohol	68439-46-3	< 1%*
Sodium Carbonate	497-19-8	< 1%*
Citric Acid	77-92-9	< 1%*

*exact percentage of ingredients are commercially confidential

Section 4: FIRST AID MEASURES

- If Inhaled:** *Immediate and delayed symptoms* - Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE (or 0800 734 607 or a doctor).
- If on skin:** *Immediate and delayed symptoms* – If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTRE (or 0800 734 607 or a doctor).
- If in eyes:** *Immediate symptoms* – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE (or 0800 734 607 or a doctor).
- If ingested:** *Immediate and delayed symptoms* - Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE (or 0800 734 607 or a doctor).

Workplace First Aid Facilities: Eye Wash Station or treatment recommended.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:** Use dry chemical, CO₂, water spray or “alcohol” foam. Avoid high volume jet water.
- Hazards from combustion products:** None known.
- 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: Use Personal Protection Recommended in Section 8

Environmental Precautions: Prevent runoff from entering drains, sewers or waterways.

Method for Containment of large and small releases: Dike or soak up with inert absorbent material.

Method for Clean Up of large and small releases: Dilute with water and rinse into sanitary sewer system or dispose into suitable container.

Hazardous Substance (Emergency Management) Regulations 2001 requirements: none.

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 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). 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: 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). If separation occurs, mix the product for reconstitution.

Chemical Incompatibilities: None known.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards: No components listed with Work Safe New Zealand WES / TWA / STEL.

Engineering Controls: Not applicable

Individual Protection Measures / Personal Protective Equipment (PPE)

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Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION - continued

Eye Contact: Use any type of protective glasses or eyewear if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas with adequate airflow.

Skin Contact: Use protective gloves (any material).

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless	Odour:	Added Eucalyptus odour
Physical State:	Liquid	Odour Threshold:	Not determined
Boiling Point:	101°C (213.8°F)	Flash Point:	Non flammable
Freezing Point:	0°C (32°F)	Flammability:	Non flammable
Specific Gravity:	1.00 – 1.03	Autoignition Temperature:	Non flammable
Evaporation Rate:	Not determined	Decomposition Temperature:	109°F
Vapor Pressure:	Not determined	Density:	8.34 – 8.59 lb/gal
Vapor Density:	Not determined	Water Solubility:	100%
pH:	2.0 – 4.0	Partial Coefficient:	not determined
VOCs:	CARB Method 310**: 2.3 g/L	0.23 %	**Water & fragrance exemption in calculation
Nutrient Content:	Phosphorous 0.00%		
Information on flammable materials:	Volume of ingredients in product prevent it from becoming flammable		

Section 10: STABILITY AND REACTIVITY

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

Reactivity: Non-reactive

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, CO₂.

Possibility of hazardous reactions: None known

Section 11: TOXICOLOGICAL INFORMATION

Acute

Acute Toxicity: Oral LD₅₀ (rat) > 5 g/kg body weight

Dermal LD₅₀ (rabbit) > 5 g/kg body weight

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

Chronic There have been no reports of health effects arising from long term exposure to the ingredients found within this product.

Possible Routes of exposure –

Skin corrosion/irritation: Skin Corrosive (GHS hazard category 1C).

Eye damage/irritation: Eye Corrosive (subpart to GHS skin corrosive hazard category 1C).

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.

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.

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Section 11: TOXICOLOGICAL INFORMATION - continued

Likely routes of exposure: Inhalation – Overexposure may cause headache.
Skin contact – causes damage.
Eye contact – causes damage.
Ingestion – May cause upset stomach.

Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions.
Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions.
Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur.
Interactive effects: Not known.

Section 12: ECOLOGICAL INFORMATION

Acute Ecotoxicity: Does not classify under the criteria of HSNO or GHS
Chronic Ecotoxicity: Does not classify under the criteria of HSNO or GHS

Environmental Effect Levels: None

Aquatic Toxicity: Low, based on aquatic profile

Terrestrial Toxicity: Low, based on toxicology profile

Persistence and degradability: Biodegradable based on formula profile

Mobility: No data

Bioaccumulation: No data

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Section 13: DISPOSAL CONSIDERATIONS

Unused Product: Deposit product in a landfill (if solidified), incinerator, or a sewage facility for treatment and disposal; or, discharge product into the environment so that, after reasonable mixing, the concentration of the substance in an environmental medium does not exceed any tolerable exposure limits.

Used Product: Used product may contain chemicals that will classify this waste as hazardous. Be sure to assess used product contaminants. Deposit used product in a landfill (if solidified), incinerator, or a sewage facility for treatment and disposal; or, discharge product into the environment so that, after reasonable mixing, the concentration of the substance in an environmental medium does not exceed any tolerable exposure limits.

Contaminated objects : Rinseable-recyclable objects can be rinsed and offered for recycling or disposed of in landfills. Non-rinseable objects should be disposed of to landfills.

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

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

Section 14: TRANSPORT INFORMATION

NZTA: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (lactic acid), III, 8

IMO / IDMG: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (lactic acid), III, 8

ICAO/ IATA: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (lactic acid), III, 8

ADR/RID: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (lactic acid), III, 8

U.N. Number: UN 3265 Proper Shipping Name: Corrosive liquid, acidic, organic, n.o.s. (lactic acid)

DG Class: 8 Marine Pollutant: No

Subsidiary Risks: None Allocated HAZCHEM Code: Unknown

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Packing Group III

Special Precautions for Users: Check regulation for limited quantity (size) exemptions.

Section 15: REGULATORY INFORMATION

Group Standard Classification Cleaning Products (Corrosive) Group Standard

HSNO Approval Number: HSR002526

NZIoC: All chemicals registered on New Zealand Inventory of Chemicals

Section 16: OTHER INFORMATION

Manufacturer's Part Numbers

SG35003	4 Litre	SG35055	208 Litre
SG350032	4 Litre	SG35275	1041 Litre
SG35001	20 Litre		

Prepared / Revised By: CIPL Pty (2021) Ltd

Date of Preparation: 12-December-2022

Reason for Revision: Updated parts numbers in Section 16

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