

Safety Data Sheet: Simple Green® Commercial Grade Disinfectant Cleaner Concentrate

Version No. SG00008-21A

Issued: 24 June 2021

Supersedes: 7 May 2020

Prior version no: SG00008-20A

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® Commercial Grade Disinfectant Cleaner Concentrate

Other means of identification: Please see section 16

Recommended use of chemical: Disinfecting

Restrictions on use of chemical: Uses not specified on product label

Details of manufacturer or importer:

Simple Green Australia Pty Ltd.

P.O. Box 1253 Golden Grove Village LPO

Golden Grove, SA 5125 Australia

Telephone: 1300 826 470

Fax: 1300 826 473

Website: simplegreen.com.au

Email: info@simplegreenaustralia.com

Emergency Phone: 1300 826 470 Available Monday – Friday, 9am-5pm

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:

Not classified as hazardous.

Label Elements:

Signal Word: None

Pictogram: None

Hazard Statement: None

Precautionary Statement: None

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

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 80%*
Quaternary Ammonium Compounds, Benezyl-C12-16-alkyldimethyl, chlorides	68424-85-1	< 10%*
Non Hazardous Ingredients	Not available	< 10%*

*exact percentage of ingredients are commercially confidential

Section 4: FIRST AID MEASURES

Description of necessary first aid measures

Inhalation: *Immediate and delayed symptoms* - If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin contact: *Immediate and delayed symptoms* - If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Eye Contact: *Immediate and delayed symptoms* - If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes

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.

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Section 4: FIRST AID MEASURES - continued

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: Non flammable. May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.

Special protective equipment and precautions for fire fighters: Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

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 or skin contact and inhalation. 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, foodstuffs, heat and ignition sources. 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

Control parameters

Exposure standards: No components listed with TWA or STEL values.

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: Wear splash-proof goggles.

Skin Protection: Wear PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear coveralls.

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Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION - continued

Respiratory Protection: Not required under normal conditions of use.

Thermal Hazards: Not applicable.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green Liquid	Partition Coefficient: n-octanol/water:	Not determined
Odour:	Added Eucalyptus odour	Autoignition Temperature:	Non-flammable
Odour Threshold:	Not determined	Decomposition Temperature:	Not determined
pH:	Not determined	Viscosity:	Like water
Freezing Point:	0°C (32°F)	Specific Gravity:	1.01
Boiling Point & Range:	101°C (213.8°F)	VOCs:	Not determined
Flash Point:	>100°C (212°F)	VOC Composite Partial Pressure:	Not determined
Evaporation Rate:	Not determined	Relative Density:	1.008kg/L
Flammability (solid, gas):	Non-flammable	Solubility:	100% in water
Upper/Lower Flammability or Explosive Limits:	Non-flammable		
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, sparks, open flames and other ignition sources.

Incompatible materials and possible hazardous reactions: Incompatible with oxidising agents (e.g. hypochlorites), anionic detergents (e.g. soaps), heat and ignition sources.

Hazardous decomposition products: May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.

Section 11: TOXICOLOGICAL INFORMATION

Information on Routes of Exposure:

Inhalation - Overexposure may cause headache, cough and irritation of mucous membranes

Skin Contact - Not expected to cause irritation under normal usage.

Eye Contact - Not expected to cause irritation under normal usage.

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: This product is expected to be of low toxicity. Based on available data, the classification criteria is not met.

Skin Corrosion/Irritation: Not classified as a skin irritant. Contact may result in mild irritation, rash and dermatitis.

Eye Damage/Irritation: Not classified as an eye irritant. Contact may result in mild irritation, lacrimation and redness.

Respiratory or skin sensitization: Not classified as causing skin or respiratory sensitisation. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare.

Germ Cell Mutagenicity: No ingredients trigger or classify under this category.

Carcinogenicity: No ingredients trigger or classify under this category under NTP, IARC.

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Section 11: TOXICOLOGICAL INFORMATION - continued

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.

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: No data available.
Aquatic: No data available.
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. Passes MTA Quick Break test.

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 after triple rinsing to ensure no residue.

Environmental regulations

Never dispose of used 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

SG00008	20 Litre
SG00009	200 Litre
SG00010	1000 Litre

Prepared / Revised By: Simple Green Australia

This SDS has been revised in the following sections: Header updated

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