

Safety Data Sheet: Simple Green® Air-Con Cleaner

Version No. 40001-17A Issued: 1 August 2017

Supersedes: n.a.

Prior version no: n.a.

Model Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals 23/12/2011

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

Product identifier: Simple Green® Air-Con Cleaner

Other means of identification: Please see section 16

Recommended use of chemical: Cleaning and degreasing agent for water safe surfaces for HVAC units, heat pumps, evaporators, refrigerators, condenser coils and freezers.

Restrictions on use of chemical: Do not use on non-rinsable surfaces.

Details of manufacturer or importer:

Simple Green Australia Pty Ltd.

P.O. Box 1253 Golden Grove Village LPO

Golden Grove, SA 5125 Australia

Email: info@simplegreenaustralia.com

ACN: 18862416081

Telephone: 1300 826 470

Fax: 1300 826 473

Website: www.simplegreen.com/australia

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	> 87%*
Ethoxylated Alcohol	68439-46-3	< 5%*
Sodium Citrate	68-04-2	< 5%*
Tetrasodium <i>N,N</i> -bis(carboxymethyl)-L-glutamate	51981-21-6	< 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

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* - Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact: *Immediate symptoms* –Not expected to cause eye irritation. If adverse effect occurs 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. *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.

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 for small fires* - Use dry chemical, CO₂, water spray or "alcohol" foam.
Suitable for large fires – Use water spray, water fog or alcohol resistant foam. Use equipment/media appropriate to the surrounding fire conditions.
Unsuitable-High volume jet water.

Specific hazards arising from the chemical: *Formulation is non-flammable, non-combustible and will boil until evaporated. Fumes of decomposition products may be toxic and irritating.*

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. Deluge with water to cool containers. Evacuate area move upwind of fire.

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. Remove for disposal in accordance with local waste management. See Section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for safe handling: When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, wash hands and remove contaminated clothing.

Conditions for safe storage, including any incompatibilities: Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use..

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: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

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.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Colourless Liquid	Partition Coefficient: n-octanol/water:	Not determined
Odour:	No added odour	Autoignition Temperature:	Non-flammable
Odour Threshold:	Not determined	Decomposition Temperature:	109°F
pH ASTM D-1293:	9.8 – 10.8	Viscosity:	Like water
Freezing Point ASTM D-1177:	0-3.33°C (32-38°F)	Specific Gravity ASTM D-891:	1.01 – 1.03
Boiling Point & Range ASTM D-1120:	101°C (213.8°F)	VOCs:	**Water & fragrance exemption in calculation
Flash Point ASTM D-93:	> 212°F	SCAQMD 304-91 / EPA 24:	0 g/L 0%
Evaporation Rate ASTM D-1901:	½ Butyl Acetate @ 25°C	CARB Method 310**:	4 g/L 0.4%
Flammability (solid, gas):	Non-flammable	SCAQMD Method 313:	Not determined
Upper/Lower Flammability or Explosive Limits:	Non-flammable	VOC Composite Partial Pressure:	Not determined
Vapor Pressure ASTM D-323:	0.60 PSI @77°F, 2.05 PSI @100°F	Relative Density ASTM D-4017:	8.34 – 8.42 lb/gal
Vapor Density:	Not determined	Solubility:	100% in water

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:	None known.

Section 11: TOXICOLOGICAL INFORMATION

Information on Routes of Exposure:

Inhalation -	Overexposure may cause headache.
Skin Contact -	Not expected to cause irritation, repeated contact may cause dry skin.
Eye Contact -	Causes mild 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:	Non-irritant per Dermal Irritation® assay modeling. No animal testing performed.
Eye Damage/Irritation:	Minimal irritant per Ocular Irritation® assay modeling. No animal testing performed. GHS category 2B not recognized as hazardous by Safe Work Australia
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.
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.

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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:** Aquatic Toxicity - Low, based on OECD 201, 202, 203 + Microtox: EC₅₀ & IC₅₀ ≥100 mg/L. Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.
- Terrestrial:** Not tested on finished formulation.
- Persistence and Degradability:** Readily Biodegradable per OCED 301D, Closed Bottle Test
- 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. 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.
- U.N. Proper Shipping Name:** Cleaning Compound, Liquid NOI

- 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

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 Drugs and Poisons (SUSDP)

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Section 16: OTHER INFORMATION

Manufacturer's Part Numbers

SG40001 - 750 mL

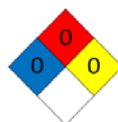
NFPA:

Health – No hazards

Flammability – Non-flammable

Stability – Stable

Special - None



Prepared / Revised By: Simple Green Australia

This SDS has been revised in the following sections: SDS created

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