

# Safety Data Sheet: Simple Green® Glass Cleaner (Ready to Use)

Version No. 16072-14A

Date of Preparation: 01/08/2014

Supersedes: n.a.

Meets requirements of HSNO CoP 8-1 09-06

## Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Glass Cleaner (Ready To Use)

Additional Names:

Manufacturer's Part Number: Please refer to section 16

Supplier: Simple Green Australia  
8b Rarere Road,  
Takapuna, Auckland, New Zealand 0622

Telephone: + 64 9 489 6827  
Email: [info@simplegreenustralia.com](mailto:info@simplegreenustralia.com)  
Website: [australia.simplegreen.com](http://australia.simplegreen.com)

Emergency Phone: 0800 734 607

Recommended Uses ready-to-use glass cleaner for use on automotive, household and janitorial cleaning applications on glass, mirror, stainless steel, chrome marble, granite, and other reflective surfaces.

## Section 2: HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of HSNO Minimum Degrees of Hazard Regulations

HSNO Classification: 6.4A (H320) Causes eye irritation

Signal Word: Warning

Pictogram: None.

Hazard Statement : Causes Eye Irritation

Precautionary Statements: Read label Before use. Wash hands thoroughly after handling. 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. Dispose of contents / container to local and state regulatory standards.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	≥ 94%
Isopropyl Alcohol	67-63-0	≤ 2%
Ethylene Glycol diethyl ether	112-34-5	≤ 1%
Sodium Lauryl Sulfate	151-21-3	≤ 1%
Fragrance	Proprietary Mixture	≤ 1%
Colourant	Proprietary Mixture	≤ 1%

## Section 4: FIRST AID MEASURES

If Inhaled: If adverse effect occurs, move to fresh air.

If on skin: If adverse effect occurs, rinse skin with water.

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.

If ingested: Drink plenty of water to dilute. Mild stomach or intestinal upset may occur due to deterative properties. For advice, contact a Poisons Information Centre on 0800 764 766 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, CO<sub>2</sub>, 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.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace Exposure Standards:**

Isopropyl Alcohol	STEL 500 ppm; 1230 mg/m <sup>3</sup>	TWA 400 ppm; 983 mg/m <sup>3</sup>
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**Engineering Controls:** Not applicable

**Individual Protection Measures / Personal Protective Equipment (PPE)**

**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:** Prolonged exposure or dermal sensitive individuals should use any type of protective gloves such as nitrile.

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

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Blue	<b>Odour:</b>	Faint Citrus Odour added
<b>Physical State:</b>	Liquid	<b>Odour Threshold:</b>	Not determined
<b>Boiling Point:</b>	98°C (210°F)	<b>Flash Point:</b>	Non-flammable
<b>Freezing Point:</b>	0°C (32°F)	<b>Flammability:</b>	Non-flammable
<b>Specific Gravity:</b>	0.99 – 1.00	<b>Autoignition Temperature:</b>	Non-flammable
<b>Evaporation Rate:</b>	> 1	<b>Decomposition Temperature:</b>	105oF
<b>Vapor Pressure:</b>	Not determined	<b>Density:</b>	8.34 – 8.42 lb/gal
<b>Vapor Density:</b>	Not determined	<b>Water Solubility:</b>	100%
<b>pH:</b>	5.0 – 6.0	<b>Partial Coefficient:</b>	Not determined
<b>VOCs:</b>	CARB Method 310**: 15 g/L	0.133 lb/gal	1.5% <i>**Water &amp; fragrance exemption in calculation</i>
<b>Nutrient Content:</b>	Not determined		
<b>Information on flammable materials:</b>	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.

**Section 10: STABILITY AND REACTIVITY - continued**

Hazardous decomposition products: Normal products of combustion – CO, CO<sub>2</sub>.  
Possibility of hazardous reactions: None known

**Section 11: TOXICOLOGICAL INFORMATION**Acute

Acute Toxicity: Oral LD<sub>50</sub> (rat) > 5 g/kg body weight  
Dermal LD<sub>50</sub> (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:** No ingredients trigger or classify under this category.  
**Eye damage/irritation:** Mixture classifies as an eye irritant *No animal testing performed*  
**Germ Cell Mutagenicity:** No ingredients trigger or classify under this category.  
**Carcinogenicity:** No ingredients trigger or classify under this category.  
**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.

**Likely routes of exposure:** Inhalation – Overexposure may cause headache.  
Skin contact – not expected to cause irritation.  
Eye contact – may cause eye irritation.  
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: Not tested

Terrestrial Toxicity: Not tested

Persistence and degradability: Not tested  
Mobility: No data  
Bioaccumulation: No data

**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.

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## Section 13: DISPOSAL CONSIDERATIONS - continued

**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: Not classified as dangerous good according to the Transport of Dangerous Goods on Land (NZS5433).

IMO / IDMG: Not classified as Dangerous

ICAO/ IATA: Not classified as Dangerous

ADR/RID: Not classified as Dangerous

U.N. Number	None Allocated	Proper Shipping Name:	Cleaning Compound, Liquid NOI
DG Class	None Allocated		NMFC#48580-3
Subsidiary Risks	None Allocated		Class 55
Packing Group	None Allocated	Marine Pollutant:	No
Special Precautions for Users:	None.	HAZCHEM Code:	None

## Section 15: REGULATORY INFORMATION

Group Standard Classification CLEANING PRODUCTS (SUBSIDIARY HAZARD) GROUP STANDARD 2006, as amended 2010

HSNO approval: HSR002530

<u>Ingredient</u>	<u>HSNO Approval Number</u>
Water	
Isopropyl Alcohol	HSNO Approval Code HSR001180
Ethylene Glycol diethyl ether	HSNO Approval Code HSR001075
Sodium Lauryl Sulfate	HSNO Approval Code HSR003122
Fragrance	
Colourant	

*In accordance with CLEANING PRODUCTS (SUBSIDIARY HAZARD) GROUP STANDARD 2006, as amended 2010, the product label need not meet the labeling requirements of this group standard if it complies with the relevant current labeling requirements of Australia, USA or EU.*

NZIoC: All chemicals registered on New Zealand Inventory of Chemicals

## Section 16: OTHER INFORMATION

Manufacturer:	Sunshine Makers, Inc. 15922 Pacific Coast Highway Huntington Beach, CA 92649 USA	Telephone:	+562-795-6000 [8am – 5pm, Monday – Friday, PST]
		Fax:	+562-592-3830
		Email & website:	<a href="mailto:info@simplegreen.com">info@simplegreen.com</a> <a href="http://simplegreen.com">simplegreen.com</a>

Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-255-3924

### Manufacturer's Part Numbers

16072 -	946 mL	2510401201025 -	750 mL, 12 per case
2510401201022 -	650 mL, 12 per case		

**Prepared / Revised By:** Sunshine Makers, Inc., Regulatory Department

**Reason for Revision:** SDS created

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