

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Pro Grade Glass & Mirror Cleaner

Additional Names:

Manufacturer's Part Number: Please refer to section 16

Supplier: CIPL (NZ) Pty Ltd
8b Rarere Road
Takapuna, Auckland, New Zealand 0622

Telephone: + 64 9 489 6827

Email: info@simplegreenustralia.comWebsite: www.simplegreen.com/newzealand/household

Emergency Phone: 0800 734 607

Recommended Uses: A concentrated liquid cleaning agent for glass, mirrors, polished and reflective surfaces.

Section 2: HAZARDS IDENTIFICATION**Classified as hazardous according to the criteria of Hazardous Substance (Minimum Degrees of Hazard / Classification/Identification) Regulations 2001 and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).****HSNO Classification:** 6.4A – Serious eye irritant**Signal Word:** Warning**Pictogram:****Hazard Statement :** H319 - Causes Serious Eye Irritation.**Precautionary Statements:** P103 – Read label before use.

P264 – Wash hands thoroughly after handling.

P280 – Wear eye protection.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

P501 – Dispose of in accordance with local regulations.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	>91%
Isopropyl Alcohol	67-63-0	<5%
2-(2-butoxyethoxy)-ethanol	6132-04-3	<1%
Sodium Lauryl Sulfate	68439-46-3	<1%
Colorant	Proprietary	<1%
Fragrance	Proprietary	<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:** 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 advice/attention.**If ingested:** Drink plenty of water to dilute. Mild stomach or intestinal upset may occur due to detergent properties. For advice, contact a Poisons Information Centre on 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 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:** 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****Workplace Exposure Standards:** No components listed with Work Safe New Zealand WES / TWA / STEL.**Engineering Controls:** Showers, eyewash stations, ventilation systems**Individual Protection Measures / Personal Protective Equipment (PPE)****Eye Contact:** Safety glasses, goggles or shields recommended.**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**

Appearance:	Turquoise liquid	Odour:	Added citrus 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:	0.99 – 1.03	Autoignition Temperature:	Non flammable
Evaporation Rate:	Not determined	Decomposition Temperature:	35°C (95°F)
Vapor Pressure:	Not determined	Density:	8.25 – 8.42 lb/gal

Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

Vapor Density:	Not determined	Water Solubility:	100%
pH:	5.0 – 8.0	Partial Coefficient:	not determined
VOCs:	SCAQMD 304-91 / EPA 24:	Not tested	
	CARB Method 310**:	45 g/L	4.5% <i>**Water & fragrance exemption in calculation</i>
	SCAQMD Method 313:	Not tested	
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, CO ₂ .
Possibility of hazardous reactions:	None known

Section 11: TOXICOLOGICAL INFORMATIONAcute

Acute Toxicity:	Oral LD ₅₀ (rat)	> 5 g/kg body weight
	Dermal LD ₅₀ (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:	Causes serious eye irritation (GHS hazard category 2A).
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 – may cause slight irritation to dermally sensitive users
	Eye contact – causes serious 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: no symptoms expected under typical use conditions.
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

Section 12: ECOLOGICAL INFORMATION - continued

Aquatic Toxicity: Not tested on finished formulation.

Terrestrial Toxicity: Not tested on finished formulation.

Persistence and degradability: No data

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.

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	U.N. Number	None Allocated
DG Class	None Allocated	DG Class	None Allocated
Subsidiary Risks	None Allocated	Subsidiary Risks	None Allocated
Packing Group	None Allocated	Packing Group	None Allocated

Section 15: REGULATORY INFORMATION

Group Standard Classification Cleaning Products (Subsidiary Hazard) Group Standard

HSNO Approval Number: HSR002530

In accordance with all Group Standards 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's Part Numbers

SG25051 - 4 Litre

Prepared / Revised By: Simple Green Australia

Reason for Revision: Revision to SDS format, with GHS HSNO classification

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