

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Stainless Steel One Step Cleaner & Polish

Additional Names: Simple Green® Stainless Steel

Manufacturer's Part Number: 18402 – 946 millilitre

Supplier: CIPL (NZ) Pty Ltd
P.O. Box 35124
Browns Bay, Auckland, New Zealand 0753

Emergency Phone: 0800 734 607

Telephone: 0064 21 950 283 / 0064 9 489 6827
0 800 826 470Email: info@simplegreenustralia.comWebsite: www.simplegreennz.com

Uses: A non-abrasive, ready-to-use liquid cleaning and polishing product for surfaces made from stainless steel and chrome. **Do not use on floors. Use on floors can cause unsafe slip & fall conditions.** Due to silicone content in this product, do not use Simple Green Stainless Steel One-Step Cleaner & Polish in facilities or areas where plating, automotive painting or powder-coating is being done. Silicone can become airborne and cause flaws in paint or plating finishes.

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: H320 - Causes Eye Irritation.

Precautionary Statements: P103 – Read label before use.

P264 – Wash hands thoroughly after handling.

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.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	≥ 92%
Alkyl, aryl derivatives	68855-24-3	≤ 5%
Hexylene glycol	107-41-5	≤ 1%
Silicon Polymer	Proprietary	≤ 1%
Citric Acid	77-92-9	≤ 1%

Section 4: FIRST AID MEASURES**If Inhaled:** If over exposure occurs leave exposure area immediately. If irritation persists, seek medical advice.**If on skin:** Gently flush affected area with water. Seek medical attention if irritation develops. Launder clothing before reuse.**If in eyes:** Reddening may develop. Immediately rinse the eye with large quantities of cool water; continue 10-15 minutes or until the material has been removed; be sure to remove contact lenses, if present, and to lift upper and lower lids during rinsing. Get medical attention if irritation persists.**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 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, 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.

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 115°F (46°C). If separation occurs, mix the product for reconstitution.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values:		Peak Limitations
	Hexylene Glycol	225 ppm Peak; 121 mg/m ³ Peak
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

Appearance:	White Opaque liquid	Odour:	Faint chemical odour
Physical State:	Liquid	Odour Threshold:	Not available
Boiling Point:	110°C (230°F)	Flash Point:	Not applicable
Freezing Point:	-9° C (15.8°F)	Flammability Limits:	Not applicable
Specific Gravity:	0.995 – 1.05	Auto Ignition Temperature:	Not available
Evaporation Rate:	> 1	Decomposition Temperature:	Not available
Vapor Pressure:	1.3 (air =1)	Density:	8.298 – 8.757 lbs/gal
Vapor Density:	Not available	Water Solubility:	100%
pH:	4.50 – 7.50	Partial Coefficient:	Not available
VOCs:	1.9%; 19 grams/litre		
Nutrient Content:	Not available		

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

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:	Non-irritant per Dermal Irritation® assay modeling. <i>No animal testing performed.</i>
Eye damage/irritation:	Minimal irritant per Ocular Irritation® assay modeling. <i>No animal testing performed</i>
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 minimal eye irritation. Ingestion – May cause upset stomach.
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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 OECD 201, 202, 203 + Microtox: EC₅₀ & IC₅₀ ≥100 mg/L

Terrestrial Toxicity: Low, based on toxicology profile

Persistence and degradability:	Biodegradable surfactant with photodegradable/mechanical degradation of silicone polymer.
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

Proper Shipping Name: Cleaning Compound, Liquid NOI

DG Class None Allocated

Subsidiary Risks None Allocated

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 NO.: HSR002530

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

Workplace Exposure Standards (WES): See Section 8.

Section 16: OTHER INFORMATION

Manufacturer's Part Numbers (*not all part numbers listed*)

Prepared / Revised By: Simple Green Australia

Reason for Revision: Revised SDS format with new contact information

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