

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:** Please refer to section 16**Supplier:** CIPL PTY Ltd.
8b Rarere Road
Takapuna, Auckland, New Zealand 0622**Telephone:** + 64 21 950 283**Email:** info@simplegreennz.com**Website:** www.simplegreennz.com**Emergency Phone:** 0800 764 766

Recommended 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**HSNO CLASSIFICATION:** 6.4A (H319) CAUSES EYE IRRITATION**GHS Classification:** Eye Corrosive/Irritant – 2A**Signal Word:** WARNING**Pictogram:****Hazard Statement:** Causes Serious Irritation.**Precautionary Statements:** Read label before use.

Wash hands thoroughly after handling.

Wear protective gloves.

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.

Dispose of product 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 | > 90%* |
| Silicone Surfactant Blend | Proprietary | < 5%* |

exact percentage of ingredients are commercially confidential*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 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, 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.

Chemical Incompatibilities: None known.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: No components listed with Work Safe New Zealand WES / TWA / STEL.

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 |

Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

| | | | |
|--|---|-----------------------------|-----------------------|
| 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 | | |
| 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 |
| 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: | Mixture does not classify under this category. |
| Carcinogenicity: | Mixture does not classify under this category. |
| Reproductive toxicity: | Mixture does not classify under this category. |
| STOT-Single Exposure: | Mixture does not classify under this category. |
| STOT-repeated exposure: | Mixture does not classify under this category. |
| Aspiration hazard: | Mixture does not 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. |

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 | Marine Pollutant: | No |
| Subsidiary Risks | None Allocated | HAZCHEM Code: | None |
| Packing Group | None Allocated | Special Precautions for Users: | None. |

Section 15: REGULATORY INFORMATION

GROUP STANDARD CLASSIFICATION: CLEANING PRODUCTS (SUBSIDIARY HAZARD) GROUP STANDARD 2006, as amended 2010

HSNO APPROVAL NO.: HSR002530

NZIoC: All chemicals registered on New Zealand Inventory of Chemicals

Section 16: OTHER INFORMATION

Manufacturer's Part Numbers :

SG18306 - 650 mL

SG11304 - 4 L

Prepared / Revised By: CIPL PTY LTD

Date of Preparation: 10-October-2019

Reason for Revision: Update to Company information

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