

Safety Data Sheet: Simple Green® Industrial Cleaner & Degreaser

Version No. 13275-21A

Date of Preparation: 29-April-2021

Supersedes: 18-October-2018

Meets requirements of Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Industrial Cleaner & Degreaser

Additional Names:

Manufacturer's Part Number: Please refer to section 16

Supplier: CIPL Pty (2021) Ltd
5 Greenmount Drive
East Tamaki, Auckland, New Zealand

Telephone: 0800 826 470
Email: admin@simplegreennz.com
Website: www.simplegreennz.com

Emergency Phone: 0800 764 766

Recommended Uses: Heavy-Duty Cleaner & Degreaser for all rinsable water safe surfaces.

Section 2: HAZARDS IDENTIFICATION

HSNO Classification: Does not classify as hazardous

GHS Classification: Does not classify as hazardous

Signal Word: Does not classify as hazardous, no signal word required

Pictogram: Does not classify as hazardous, no pictograms required.

Hazard Statement : Does not classify as hazardous, no hazard statements required

Precautionary Statements: Does not classify as hazardous, no precautionary statements required.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredient</u> | <u>CAS Number</u> | <u>Percent Range</u> |
|---------------------------------|---------------------|----------------------|
| Water | 7732-18-5 | ≥ 85%* |
| Ethoxylated Alcohol | 68439-46-3 | ≤ 5%* |
| Sodium Citrate | 68-04-2 | ≤ 5%* |
| Tetrasodium Glutamate Diacetate | 51981-21-6 | ≤ 1%* |
| Sodium Carbonate | 497-19-8 | ≤ 1%* |
| Citric Acid | 77-92-9 | ≤ 1%* |
| Fragrance | Proprietary Mixture | ≤ 1%* |
| Colourant | Proprietary Mixture | ≤ 1%* |
| Isothiazolinone Preservative | 55965-84-9 | < 0.1%* |

**exact percentage of ingredients are commercially confidential*

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 adverse effect occurs, 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 734 607 or a doctor.

Workplace First Aid Facilities: Eye Wash Station or treatment recommended.

Advice to Doctor: Treat symptomatically.

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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 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: 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: | Green liquid | Odour: | Added saffras odour |
| Physical State: | Liquid | Odour Threshold: | Not determined |
| Boiling Point ASTM D-1120: | 101°C (213.8°F) | Flash Point ASTM D-93: | non-flammable |
| Freezing Point ASTM D-1177: | 0 - 3.33°C (32 - 38°F) | Flammability: | Non flammable |
| Specific Gravity ASTM D-891: | 1.01 – 1.03 | Autoignition Temperature: | Non flammable |
| Evaporation Rate ASTM D-1901: | ½ Butyl Acetate @ 25°C | Decomposition Temperature: | 109oF |

Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

| | | | | |
|--|---|-----------------------------|--------------------|---|
| Vapor Pressure ASTM D-323: | 0.60 PSI @77°F, 2.05 PSI @100°F | Density ASTM D-4017: | 8.42 – 8.59 lb/gal | |
| Vapor Density: | Not determined | Water Solubility: | 100% | |
| pH ASTM D-1293: | 8.5 – 10.0 | Partial Coefficient: | not determined | |
| VOCs: | SCAQMD 304-91 / EPA 24: | 0 g/L | 0 lb/gal | 0 % |
| | CARB Method 310**: | 2.5 g/L | 0.021 lb/gal | 0.25% **Water & fragrance exemption in calculation |
| | 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: | 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. |

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.

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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 toxicology profile

Terrestrial Toxicity: Low, based on toxicology profile

Persistence and degradability: Similar formulas have achieved 100% biodegradation under OECD 301D and OECD 302B testing

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

DG Class: None Allocated

Subsidiary Risks: None Allocated

Packing Group: None Allocated

Proper Shipping Name: Cleaning Compound, Liquid NOI

Marine Pollutant: No

HAZCHEM Code: None

Special Precautions for Users: None.

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Section 15: REGULATORY INFORMATION

Group Standard Classification Cleaning Products (Subsidiary Hazard) Group Standard 2006, as amended 2017

HSNO Approval NO.: HSR002530

Ingredient

HSNO Approval Number

Water

Ethoxylated Alcohol

Sodium Citrate

Tetrasodium *N,N*-bis(carboxymethyl)-L-glutamate

Sodium Carbonate

Citric Acid

HSNO approval HSR003338

May be used as a single component chemical under an appropriate group standard

May be used as a single component chemical under an appropriate group standard

HSNO Approval: HSR003265

HSNO Approval: HSR003138

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 when it is imported.

NZIoC: All chemicals registered on New Zealand Inventory of Chemicals

Section 16: OTHER INFORMATION

Manufacturer's Part Numbers

SG13025 - 750 millilitre

SG13001 - 1 litre

SG13002IND - 2.5 litre

SG13003IND - 4 litre

SG13004 - 20 litre

SG13034 - 208 litre

SG13275 - 1041 litre

Prepared / Revised By: CIPL Pty (2021) Ltd

Date of Preparation: 29-April-2021

Reason for Revision: Company information updated

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