



Safety Data Sheet: **Simple Green® Clean Building Glass Cleaner Concentrate**

Version No. 11301NZ-12A

Issued: 14-June-2012

Supersedes: 24-October-2011

ANSI-Z400.1-2010, meets requirement of NOHSC:2011(1994)

Section 1: PRODUCT IDENTIFICATION

Product Name: Simple Green® Clean Building Glass Cleaner Concentrate

Additional Names:

Manufacturer's Part Number: 11301 – 3.78 litre

Uses: Concentrated glass cleaner to be diluted 1:30 (1 ml of concentrate for every 30 ml of water) for very dirty Glass. 1:40 for regular maintenance cleaning – for use on hard non-porous glass & reflective surfaces.

Section 2: HAZARDS IDENTIFICATION

Classification: Classified as hazardous according to the criteria of HSNO Minimum degrees of hazard regulations.

HSNO CLASSIFICATION: 6.4A (H320) CAUSES EYE IRRITATION

Hazard Statement: Causes Eye Irritation

Pictogram: None

Signal Word: WARNING

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.

Emergency Overview: CAUTION. Irritant. This is a blue coloured liquid with a faint chemical odour.

Routes of Exposures: Eye Contact, Skin Contact, Inhalation

Potential Health Effects

Eye Contact: Mildly irritating.

Skin Contact: No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Chemically sensitive individuals may experience mild irritation.

Ingestion: May cause stomach or intestinal irritation if swallowed. See section 11.

Inhalation: No adverse effects expected under typical use conditions. Adequate ventilation should be present for prolonged usage in small enclosed areas.

Medication Conditions Aggravated by Exposure: Dermally sensitive users may experience irritation.

Target Organs: None.

Environmental Effects: Not harmful.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	≥ 44%
Surfactant Blend	Proprietary	≤ 50%
Complexing Agent	Proprietary	≤ 5%
Colourant	Proprietary Mixture	≤ 1%

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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.

First Aid Facilities: Eye Wash Station or treatment recommended.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flammability: Non flammable **HAZCHEM Code:** Not applicable

Flash Point: None

Suitable Extinguishing Media: Use dry chemical, CO₂, water spray or "alcohol" foam.

Extinguishing Media to Avoid: High volume jet water.

Special Exposure Hazards: In event of fire created carbon oxides may be formed.

Special Protective Equipment: 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: For both large and small releases, dike or soak up with inert absorbent material.

Method for Clean Up: For both large and small releases, dilute with water and rinse into sanitary sewer system or dispose into suitable container.

Section 7: HANDLING AND STORAGE

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).

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.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: Not applicable

Engineering Controls: Not applicable

Exposure Controls:

Eye Contact: Use protective glasses if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas.

Skin Contact: Prolonged exposure or dermal sensitive individuals should use protective gloves.

General Hygiene Considerations: Avoid contact with eyes.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue liquid	Odour:	Faint Chemical, no added fragrance
Physical State:	Liquid	Odour Threshold:	Not available
Boiling Point:	> 100°C (212°F)	Flash Point:	Not applicable
Freezing Point:	~0° C (32°F)	Flammability Limits:	Not applicable
Specific Gravity:	1.0 – 1.05	Auto Ignition Temperature:	Not available
Evaporation Rate:	Not available	Decomposition Temperature:	Not available
Vapor Pressure:	Not available	Density:	8.34 – 8.76 lbs/gal
Vapor Density:	Not available	Water Solubility:	100%
pH:	12 – 12.5; 11.0-11.5 of use solution	Partial Coefficient:	Not available
VOCs:	0%; 0 grams/litre		
Nutrient Content:	Not available		

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions 21°C (70°F) and 14.7 psig (760 mmHg)
Reactivity:	Non-reactive
Conditions to avoid:	None known
Incompatible materials:	Strong Oxidizers
Materials to avoid:	None known
Hazardous decomposition products:	Normal products of combustion – CO, CO ₂ .
Possibility of hazardous reactions:	None known

Section 11: TOXICOLOGICAL INFORMATION

Effects of Exposure: Irritated eyes, cough and irritation of nasal passageway.

HSNO CLASSIFICATION: 6.4A (H320) CAUSES EYE IRRITATION

Acute

Acute Toxicity: Oral LD₅₀ (rat) > 5 g/kg body weight
Dermal LD₅₀ (rabbit) Not determined

Calculated via OECD Harmonized Integrated Classification System for Human Health & Environmental Hazards of Chemical Substances and Mixtures

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.

Eye: Irritant. Mild, reversible eye irritation may occur based on relevant laboratory studies. This potential is reduced by immediate rinsing of eyes in case of eye contact. Reversible blurred vision may occur.

Inhalation: Low irritant. No special ventilation is required during use. Large-scale uses indoors should provide an increased rate of air exchange.

Skin: Non irritant. Mild, reversible skin irritation may occur for those with dermal conditions or chemical sensitivities

Ingestion: Low toxicity. Large dose ingestion may result in nausea, vomiting and reversible gastrointestinal irritation.

Chronic There have been no reports of health effects arising from long term exposure to this product.

Section 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: Low, based on toxicology profile

Terrestrial Toxicity: Low, based on toxicology profile

Persistence and degradability: Readily biodegradable based on biodegradation profile of ingredients.

Mobility: No data

Bioaccumulation: No data

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Section 13: DISPOSAL CONSIDERATIONS

Appropriate Method for Disposal:

Unused Product: Dilute with water and dispose by sanitary sewer.

Used Product: Used product may be hazardous depending on the cleaning application and resulting contaminants. If contents are non-hazardous and low volume, dilute with water and dispose by sanitary sewer. If contents are high volume or hazardous, dispose as hazardous waste.

Empty Containers: Triple-rinse with water and offer for recycling if available in your area.

Contaminated Containers: Contamination may be hazardous depending on contaminant. Dispose in accordance to hazard of contamination.

Section 14: TRANSPORT INFORMATION

NZTA: NOT classified as a 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

Hazchem Code: None Allocated

Proper Shipping Name:

Marine Pollutant:

Packing Group

Detergent Solution

No

None Allocated

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.