

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

Version No. 11301-12A Date of Issue: January 2012

ANSI-Z400.1-2003 Format

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green Clean Building® Glass Cleaner Concentrate

Manufacturer's Product Code Numbers: 11301 = 1 gallon bottles

Company: Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Beach, CA 92649 USA

Telephone: 800-228-0709 • 562-795-6000

Fax: 562-592-3830

Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-255-3924

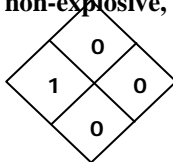
Use of Product: Concentrated Glass Cleaner to be diluted 1:30 (1 ounce of concentrate for every 30 ounces of water for very dirty glass) [1:40 for regular maintenance cleaning] – for use on hard non-porous glass & reflective surfaces.

Section 2: HAZARDS IDENTIFICATION

Simple Green Clean Building® Glass Cleaner Concentrate is a bluish-purple and unscented liquid. Diluted product is very faintly blue. It is non-flammable, non-combustible, non-explosive, and non-reactive.

Hazard NFPA/HMIS Rating:

Health = 1 Reactivity = 0
Fire = 0 Special = 0



0 = minimal
3 = serious

Rating Scale:

1 = slight 2 = moderate
4 = severe

Primary Routes of Exposure: Skin contact, Ingestion and Inhalation.

Signs and Symptoms of Over Exposure

Eye Contact: Prolonged exposure to concentrate may cause a burning sensation.

Skin Contact: Prolonged exposure to concentrate may cause slight irritation.

Ingestion: May cause nausea if swallowed.

Inhalation: No adverse effects expected under typical use conditions.

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

Medical Conditions: Any medical conditions that are generally aggravated by exposure will have the same symptoms as stated above.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

All Chemicals in this product are found on the TSCA Inventory List.

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>% BY WEIGHT</u>	<u>IARC, NTP, OSHA, EPA, PROP 65</u>
Water	7732-18-5	>50	NA
Surfactant Blend	Proprietary	<50	NA
Complexing Agent	Proprietary	<50	NA

Hazardous Substances Present:

No Hazardous Components as Listed in 29 CFR 1900.1000 or other pertinent OSHA regulations

Section 4: FIRST AID MEASURES

- If in eyes:** Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes, moving lower and upper eyelids away from eye to flush out all product. If irritation persists seek medical attention.
- If on skin:** Wash off with soap and water. If irritation persists seek medical attention.
- If ingested:** Do not induce vomiting. Drink plenty of water to dilute. Seek medical attention.
- If inhaled:** Not expected to be a problem. Move to fresh air. If irritation persists seek medical attention.

Section 5: FIRE FIGHTING MEASURES

This product is non-flammable, non combustible, and non-explosive. Recommended extinguishing media of CO₂ or DRY FOAM should be used on and around Simple Green Clean Building® Glass Cleaner Concentrate. Please refer to Personal Protective Equipment information found in Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes. Do not rub eyes with hands during cleanup. No special precautions for dermal contact are needed. Wash hands thoroughly after cleaning up spill or leak.

Procedure to follow in case of spill or leak: Evacuate area. Identify source of leak or spill and contain with sand, earth, or containment bin. Cover remaining spill with inert absorbent material to soak up spill. Dispose absorbent material as non-hazardous waste. Rinse area with plenty of water and mop to sanitary sewer.

Section 7: HANDLING AND STORAGE

No special handling is required. Keep out of reach of children. Follow directions on the container for proper use of this product. Avoid contact with eyes. Wash hands thoroughly after handling.

Store closed container in a cool, dry place out of direct sunlight. Do not freeze. Do not keep at temperatures less than or equal to 32°F, nor at temperatures above 110°F. Store away from incompatible materials (See Section 10, STABILITY AND REACTIVITY).

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Eye contact:** Access to eye bath or water source is recommended in case of eye contact. Thoroughly wash hands after contact to prevent hand to eye transference.
- Eye protection:** Wear eye protection when eye contact is possible due to splashing or spraying.
- Respiratory Protection:** Open all doors and windows. If there is an exposure, and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134, is required.
- Ventilation:** Use local or mechanical exhaust if available.
- Skin protection:** Prolonged soaking in the product, repeated skin exposure over long periods of time, pre-existing skin conditions such as dermatitis, or allergic response to contact with the product may warrant the use of rubber gloves and aprons or other skin protection.

Work Hygienic Practices: The following general hygiene considerations are recognized as common good industrial hygiene practices:

- Avoid breathing vapor or mist.
- Avoid contact with eyes.
- Wash thoroughly after handling and before eating, drinking, or smoking.

Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label which will dictate engineering and control measures

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

All information below is for the concentrate, unless stated otherwise.

Appearance:	Blue-Purple Liquid (blue at dilution)	Vapor Pressure:	Not Tested		
Odor:	No fragrance added	Vapor Density:	Not Tested		
Specific Gravity:	1.027 g/mL	pH of concentrate:	12 – 12.5	of use solution	11 – 11.5
Boiling Point:	Approx 212°F	Freezing Point:	Approx 32°F		
Water Solubility:	100%	Evaporation Rate:	Not Tested		
Flash Point:	None to boiling	Melting Point:	Not Applicable		
Refractive Index:	9.5	VOC:	0 g/L*		

**As determined by California Air Resources Board Method 310*

Section 10: STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None
Incompatible Materials to Avoid:	Strong Oxidizers (e.g. bleach)
Hazardous Decomposition or Byproducts:	Normal products of combustion - CO, CO ₂
Hazardous Polymerization	None

Section 11: TOXICOLOGICAL INFORMATION

Toxicity Data: Available from relevant laboratory testing of ingredient or similar ingredients. No animal testing of finished formula was conducted.

<u>INGREDIENT</u>	<u>ORAL LD₅₀</u>	<u>DERMAL LD₅₀</u>	<u>INHALATION LC₅₀</u>
Water			
Surfactant Blend	>2,000 mg/kg (rat)	Not Available	Not Available
Complexing Agent	>5,000 mg/kg (rat)	Not Available	Not Available

Reproductive Data: No ingredients are known or suspected to be a reproductive toxin.

Carcinogenic/Mutagenic Data: No ingredients are known or suspected to be carcinogenic or mutagenic.

Sensitization Data: No ingredients are known or suspected to cause skin sensitization.

Section 12: ECOLOGICAL INFORMATION

Hazard to wild mammals:	Low, based on toxicology profile.
Hazard to avian species:	Low, based on toxicology profile.
Hazard to aquatic organisms:	Low, based on toxicology profile.
Chemical Fate Information:	Readily Biodegradable based on biodegradation profile of ingredients.

Additional information can be found in Section 15: REGULATORY INFORMATION.

Section 13: DISPOSAL CONSIDERATIONS

Appropriate Method for Disposal of Simple Green Clean Building® Glass Cleaner Concentrate:

- Unused Product:** *Dilute with water to use concentration (1:30) and dispose by sanitary sewer.
- Used Product:** *Used product may be hazardous depending on the cleaning application and resulting contaminants.
- Empty Containers:** *Triple-rinse with water and offer for recycling if available in your area. Otherwise, dispose as non-hazardous waste.

*Dispose of used or unused product, and empty containers in accordance with the local, State, Provincial, and Federal regulations for your location. Never dispose of unused or used product into lakes, streams, and open bodies of water or into storm drains.

Section 14: TRANSPORT INFORMATION

IATA Proper Shipping Name: Detergent solution

Hazard Class: Non-hazardous

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA and DSL Inventory

No components listed under: Clean Air Act Section 112

RCRA Status: Not a hazardous waste.

CERCLA Status: No components listed

TSCA TRI Reporting: Not required / Not listed

CA PROP. 65 Status: No components listed

WHMIS Classification – Not classified

Name	Toxic Substances List – Schedule 1 – CEPA (Canadian Environmental Protection Act)	NPRI Inventory
None	No	No

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by Canada’s Controlled Products Regulation.

Section 16: OTHER INFORMATION

Questions about the information found on this MSDS should be directed to:

SUNSHINE MAKERS, INC. – TECHNICAL DEPARTMENT
15922 Pacific Coast Hwy.
Huntington Beach, CA 92649

Phone: 800/228-0709 [8am-5pm Pacific time, Mon-Fri] *Fax:* 562/592-3830 *Email:* infoweb@simplegreen.com

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