**Section 1: IDENTIFICATION**

**Product Name:** Simple Green® House & Siding Cleaner (Pressure Washer Concentrate)  
**Additional Names:** Simple Green® Pro Grade House & Siding Cleaner (Pressure Washer Concentrate)  

**Manufacturer’s Part Number:** *Please refer to Section 16*  

**Recommended Use:** Dilute 1:10 for manual or pressure washer application to home exteriors  
**Restrictions on Use:** Do not use on non-rinsable surfaces.

**Company:** Sunshine Makers, Inc.  
15922 Pacific Coast Highway  
Huntington Beach, CA 92649  USA  
Telephone: 800-228-0709 ● 562-795-6000 Mon – Fri, 8am – 5pm PST  
Fax: 562-592-3830  
Email: info@simplegreen.com  
**Emergency Phone:** Chem-Tel 24-Hour Emergency Service: 800-255-3924

**Section 2: HAZARDS IDENTIFICATION**

This product is classified as hazardous (Eye Corrosion/Irritation – Category 2A) under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

**OSHA HCS 2012**  
**Label Elements**

**Signal Word:** Warning  
**Hazard Symbol(s)/Pictogram(s):**

**Hazard Statements:**  
H319 – Causes serious eye irritation.

**Precautionary Statements:**  
P264 – Wash hands thoroughly after handling.  
P280 – Wear eye protection. Wear protective gloves (when handling the concentrate).  
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 attention.

**Hazards Not Otherwise Classified (HNOC):** None

**Other Information:** None Known

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Percent Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 88.99%*</td>
</tr>
<tr>
<td>Ethoxylated Alcohol</td>
<td>68439-46-3</td>
<td>&lt; 5%*</td>
</tr>
<tr>
<td>Sodium Citrate</td>
<td>6132-04-3</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, chlorides, sodium salts</td>
<td>61789-39-7</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Alkyl imino dipropionic acid, monosodium salt</td>
<td>Proprietary</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Quaternary Ammonium Chloride</td>
<td>7173-51-5</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Colorant**</td>
<td>Proprietary</td>
<td>&lt; 0.01%*</td>
</tr>
</tbody>
</table>

*specific percentages of composition are being withheld as a trade secret  
**Colorant only found in certain items, please see section 16*
Section 4: FIRST-AID MEASURES

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.
Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, move to fresh air.
Eye Contact: 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.
Ingestion: May cause upset stomach. Drink plenty of water to dilute. See section 11.

Most Important Symptoms/Effects, Acute and Delayed: None known.

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Treat symptomatically

Section 5: FIRE-FIGHTING MEASURES

Suitable & Unsuitable Extinguishing Media: Use Dry chemical, CO2, water spray or “alcohol” foam. Avoid high volume jet water.
Specific Hazards Arising from Chemical: In event of fire, fire created carbon oxides may be formed.
Special Protective Actions for Fire-Fighters: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

This product is non-flammable. See Section 9 for Physical Properties.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
For non-emergency personnel: See section 8 – personal protection.
For emergency responders: Avoid eye contact. Use safety goggles.

Environmental Precautions: Do not allow into open waterways and ground water systems.

Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: 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. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for Safe Storage including Incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 95°F (35°C) or freezing temperatures.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: Ethanol 64-17-5 1000 ppm TWA; 1900 mg/m3

Appropriate Engineering Controls: Showers, eyewash stations, ventilation systems

Individual Protection Measures / Personal Protective Equipment (PPE)
Eye Contact: Use protective glasses or safety goggles if splashing or spray-back is likely.
Respiratory: Use in well ventilated areas or local exhaust ventilation when cleaning small spaces.
Skin Contact: Use protective gloves (any material.)
General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.
Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Colorless or Turquoise Liquid
Odor: No added fragrance
Odor Threshold: Not determined
pH: 10.0 – 11.5
Freezing Point: 0°C (32°F)
Boiling Point & Range: 101°C (213.8°F)
Flash Point: > 212°F
Evaporation Rate: Not determined
Flammability (solid, gas): Not applicable

Partition Coefficient: n-octanol/water: Not determined
Autoignition Temperature: Non-flammable
Decomposition Temperature: 95°F
Viscosity: Like water
Specific Gravity: 1.00 – 1.02
VOCs: **Water & fragrance exemption in calculation
SCAQMD 304-91 / EPA 24: Not tested
CARB Method 310**: 3.6 g/L 0.03 lb/gal 0.36%
SCAQMD Method 313: Not tested
VOC Composite Partial Pressure: Not determined
Relative Density: 8.34 – 8.50
Solubility: 100% in water

Section 10: STABILITY AND REACTIVITY

Reactivity: Non-reactive.
Chemical Stability: Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).
Possibility of Hazardous Reactions: Hazardous gases may occur from contact with ammoniated or chlorinated products.
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, CO2.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation - Overexposure may cause headache.
                        Skin Contact - Not expected to cause irritation, repeated contact may cause dry skin.
                        Eye Contact - Causes serious 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.

Numerical Measures of Toxicity
Acute Toxicity: Oral LD50 (rat) > 5 g/kg body weight
                Dermal LD50 (rabbit) > 5 g/kg body weight
                Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals

Skin Corrosion/Irritation: Non-irritant per Dermal Irritection® assay modeling. No animal testing performed.
Eye Damage/Irritation: Causes serious eye irritation per Ocular Irrititection® assay modeling. No animal testing performed.
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.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.
Section 12: ECOLOGICAL INFORMATION - continued

Aquatic: Not tested on finished formulation.
Terrestrial: Not tested on finished formulation.

Persistence and Degradability: Inherently Biodegradable formula: >60% degradation in 28 days, with maximum tested 90% degradation in 54 days (OECD 301D)

Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Unused or Used Liquid: May be considered hazardous in your area depending on usage and tonnage of disposal – check with local, regional, and or national regulations for appropriate methods of disposal.

Empty Containers: May be offered for recycling.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

U.N. Number: Not applicable
Transport Hazard Class(es): Not applicable
Packing Group: Not applicable
Environmental Hazards: Marine Pollutant - NO
Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code): Unknown.

Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises:
None known.

IMO / IDMG: Not classified as Hazardous
ICAO / IATA: Not classified as Hazardous
ADR/RID: Not classified as Hazardous

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA and DSL Inventory.

SARA Title III: Sections 311/312 Hazard Categories – Not applicable.
Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Not applicable.
Sections 302 – Not applicable.

Clean Air Act (CAA): Ethanol 64-17-5
Clean Water Act (CWA): Not applicable

State Right To Know Lists:
- Didecyl Dimethyl ammonium chloride New Jersey
- Ethanol Pennsylvania, Massachusetts

California Proposition 65: No ingredients listed

Texas ESL:
- Ethanol 64-17-5
- Sodium Carbonate 497-19-8
- Ethoxylated Alcohol 68439-46-3
- Quaternary Ammonium Chloride 7173-51-1
- 6000 ppb; 18800 µg/m³ short term
- 5 µg/m³ long term
- 60 µg/m³ long term
- 10 µg/m³ long term
- 1000 ppb; 1880 µg/m³ short term
- 50 µg/m³ short term
- 600 µg/m³ short term
- 100 µg/m³ short term
Section 16: OTHER INFORMATION

Size | Item Number | UPC
--- | --- | ---
1 Gallon | 2300000118201 | 043318182013
1 Gallon, 4 per case | 18201 & 2310000418201 & 2380100418201 | 043318182013
1 Gallon | 2300000118215 | 043318182150
1 Gallon** | 2300000118208 | 043318182082
1 Gallon**, 4 per case | 18208 & 2310000418208 | 043318182082
5 Gallon** | 18250 & 2300000118250 | 043318182501
55 Gallon** | 18251 & 2300000118251 | 043318182518

USA items listed only. Not all items listed. USA items may not be valid for international sale.

**Contains colorant

NFPA:
Health – Eye Irritant
Flammability – Non-flammable
Stability – Stable
Special - None

Acronyms
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration
TSCA Toxic Substances Control Act
IARC International Agency for Research on Cancer
CPSC Consumer Product Safety Commission
DSL Domestic Substances List

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department.
This SDS has been revised in the following sections: Section 12 OECD 301D test data

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.