Safety Data Sheet:  
Simple Green® Pro Grade House & Siding Cleaner

Section 1: IDENTIFICATION

Product Name: Simple Green® Pro Grade House & Siding Cleaner

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

Recommended Use: Concentrated Pressure Washer Solution for use on cleaning home exteriors and siding.

Restrictions on Use: Do not use on non-rinsable surfaces.

Company: Sunshine Makers, Inc. 
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 not regulated under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200). This product has been classified and labeled in accordance with the CPSC Federal Hazardous Substances Act (16 CFR 1500).

OSHA HCS 2012

Label Elements

Signal Word: Not determined  
Hazard Symbol(s)/Pictogram(s): Not determined

Hazard Statements: Not determined

Precautionary Statements: Not determined

Hazards Not Otherwise Classified (HNOC): Not determined

Other Information: None Known

CPSC FHSA

Emergency Overview: Caution. Irritant. May cause eye irritation. This is a clear liquid with a chemical detergent odor. Refer to Section 4 and 11 for health hazard identification.

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>≥ 88%*</td>
</tr>
<tr>
<td>Ethoxylated Alcohol</td>
<td>68439-46-3</td>
<td>≤ 5%*</td>
</tr>
<tr>
<td>Didecyl Dimethyl Ammonium Chloride</td>
<td>7173-51-5</td>
<td>≤ 5%*</td>
</tr>
<tr>
<td>Sodium Citrate</td>
<td>68-04-2</td>
<td>≤ 1%*</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>≤ 1%*</td>
</tr>
</tbody>
</table>

*specific percentages of composition are being withheld as a trade secret

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, rinse skin with water.

Eye Contact: Rinse eyes immediately with cool to lukewarm, clear water. Rinse for 5 minutes. Remove contact lenses if present, and continue rinsing for 10 more minutes. If irritation persists beyond 12 hours, consult a physician.

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.*

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**Section 6: ACCIDENTAL RELEASE MEASURES**

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

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**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 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

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**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limit Values:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5 ppm</td>
<td>1000 ppm TWA</td>
</tr>
</tbody>
</table>

**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. |
| Respiration      | Use in well ventilated areas or local exhaust ventilations when cleaning small spaces. |
| Skin Contact     | Use protective gloves (any material) when used for prolonged periods or dermatally sensitive. |
| General Hygiene  | Wash thoroughly after handling and before eating or drinking. |

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**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear Colorless Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>No added odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>8.0 – 10.0</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>0°C (32°F)</td>
</tr>
<tr>
<td>Boiling Point &amp; Range</td>
<td>101°C (213.8°F)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 212°F</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper/Lower Flammability or Explosive Limits</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>109°F</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Like water</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.00 – 1.03</td>
</tr>
<tr>
<td>VOS:</td>
<td><strong>Water &amp; fragrance exemption in calculation</strong></td>
</tr>
<tr>
<td>SCAQMD Method 304-91 / EPA 24:</td>
<td>Not tested</td>
</tr>
<tr>
<td>CARB Method 310**:</td>
<td>&lt;5.0 g/L</td>
</tr>
<tr>
<td>SCAQMD Method 313:</td>
<td>&lt;0.004 lb/gal</td>
</tr>
<tr>
<td>VOC Composite Partial Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative Density ASTM D-4017:</td>
<td>8.34 – 8.59 lb/gal</td>
</tr>
<tr>
<td>Solubility</td>
<td>100% in water</td>
</tr>
</tbody>
</table>

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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: None known.
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 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

<table>
<thead>
<tr>
<th>Acute Toxicity</th>
<th>Oral LD&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
<th>&gt; 5 g/kg body weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dermal LD&lt;sub&gt;50&lt;/sub&gt; (rabbit)</td>
<td>&gt; 5 g/kg body weight</td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation: Mixture does not classify under this category.
Eye Damage/Irritation: Mixture does not classify under this category.
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.
Aquatic: Not tested on finished formulation.
Terrestrial: Not tested on finished formulation.

Persistence and Degradability: No data available.
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: Dispose of in accordance with local regulations.

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  U.N. Proper Shipping Name: Cleaning Compound, Liquid NOI
Transport Hazard Class(es): Not applicable  NMFC Number: 48580-3
Packing Group: Not applicable  Class: 55
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  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  1000 ppb; 1880 µg/m³ long term  10000 ppb; 18800 µg/m³ short term
Alcohol Ethoxylate 68439-46-3  60 µg/m³, long term  600 µg/m³, short term
Didecyl Dimethyl Ammonium Chloride 7173-51-5  10 µg/m³, long term  100 µg/m³, short term

Section 16: OTHER INFORMATION

Size  Item Number  UPC
160 oz., 4 per case  18215  043318182150
USA items listed only. Not all items listed. USA items may not be valid for international sale.

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

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

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department.
This SDS has been revised in the following sections: Revised to SDS layout

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