Section 1: IDENTIFICATION

Product Name: Simple Green® Oxy Solve™ Total Outdoor Cleaner (Pressure Washer Concrete)

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

Recommended Use: Application via pressure washer to clean outdoor surfaces

Restrictions on Use: Not for washing humans or animals

Company: Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Beach, CA 92649 USA
Telephone: 800-228-0709 ● 562-795-6000
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: This is a colorless liquid with no added odor. No health hazards expected from typical use. Refer to Section 4 and 11 for health hazard identification.

Label Elements

Signal Word: CAUTION
Precautionary Statements: IRRITANT. May irritate eyes.

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; 88.50%*</td>
</tr>
<tr>
<td>Ethoxylated alcohols</td>
<td>Proprietary Blend</td>
<td>&lt; 5.0%*</td>
</tr>
<tr>
<td>Hydrogen peroxide solution</td>
<td>7722-84-1</td>
<td>&lt; 5.0%*</td>
</tr>
<tr>
<td>Tetrasodium N,N-bis(carboxymethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>&lt; 1.0%*</td>
</tr>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td>&lt; 1.0%*</td>
</tr>
<tr>
<td>Etidronic acid</td>
<td>2809-21-4</td>
<td>&lt; 0.5%*</td>
</tr>
</tbody>
</table>

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

Section 4: FIRST-AID MEASURES

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin Contact: If skin irritation occurs: Get medical advice/attention.

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 stomach upset. 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 extinguishing measures appropriate to local circumstances and surrounding environment. Water fog is suitable but avoid high-pressure jet water.

Combustion Products: Fire-created carbon oxides, nitrogen oxides (NOx), or oxygen may be formed.

Special Protective Actions for Fire-Fighters: In the event of fire, wear positive pressure self-contained breathing apparatus; Wear full protective clothing. Follow standard procedure for chemical fires.

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 protective gloves and safety goggles. Wear self-contained breathing apparatus.

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

Methods and Materials for Containment and Clean Up: Recover spilled material if possible. 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:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>Value</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution</td>
<td>7722-84-1</td>
<td>TWA 1 ppm</td>
<td></td>
<td>2013-03-01</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA 1 ppm</td>
<td></td>
<td>2013-10-08</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CAL PEL 1 ppm</td>
<td></td>
<td>2014-11-26</td>
<td>CAL PEL (as H2O2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA 1.4 mg/m3</td>
<td></td>
<td>1989-01-19</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA 1 ppm</td>
<td></td>
<td>1997-08-04</td>
<td>OSHA Z-1</td>
</tr>
</tbody>
</table>

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 outdoor areas
Skin Contact: Use protective gloves (any material) for situations of lengthy skin contact
General Hygiene Considerations: Wash hands thoroughly after handling and before smoking, eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: No added fragrance
Odor Threshold: Not determined
pH: 6.0 – 7.0
Partition Coefficient: n-octanol/water: Not determined
Autoignition Temperature: Non-flammable
Decomposition Temperature: Not determined
Viscosity: 1
Freezing Point: 0°C (32°F)  Specific Gravity: 1.0 – 1.015

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

- **Boiling Point & Range:** 101°C (213.8°F)
- **Flash Point:** > 212°F
- **Evaporation Rate:** Not determined
- **Flammability (solid, gas):** Not applicable
- **Upper/Lower Flammability or Explosive Limits:** Not applicable
- **Vapor Pressure:** Not determined
- **Vapor Density:** Not determined

**VOCs:** **Water exemption in calculation**

- **SCAQMD 304-91 / EPA 24:** Not tested
- **CARB Method 310**: 0 g/L 0 lb/gal 0.0%
- **SCAQMD Method 313:** Not tested
- **VOC Composite Partial Pressure:** Not determined
- **Relative Density:** 8.34 – 8.465
- **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:** Contains hydrogen peroxide. Avoid excessive heat and contact with strong bases.
- **Conditions to Avoid:** Excessive heat or cold.
- **Incompatible Materials:** Do not mix with anything other than water.
- **Hazardous Decomposition Products:** Contamination from various metals and organic materials may cause rapid decomposition, resulting in oxygen gas release or buildup if not properly vented.

### Section 11: TOXICOLOGICAL INFORMATION

- **Likely Routes of Exposure:**
  - Inhalation - Breathing in mist could irritate nose and throat.
  - Skin Contact - May cause mild skin Irritation
  - Eye Contact - May cause eye irritation.
  - Ingestion - May cause stomach upset.

**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:** Irritated mucous membranes of nose and throat, dry skin, or skin irritation may occur.
- **Interactive effects:** Not known.

**Numerical Measures of Toxicity**

- **Acute Toxicity:** Calculated Oral LD50 19,833 mg/kg [> 5,000 mg/kg]
  
  *Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals*

- **Skin Corrosion/Irritation:** Mild Skin Irritant based on ingredient information. No animal testing performed
- **Eye Damage/Irritation:** Eye Irritant based on ingredient information. 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.
- **Aquatic:** Not tested on finished formulation.
- **Terrestrial:** Not tested on finished formulation.
Section 12: ECOLOGICAL INFORMATION - continued

Persistence and Degradability: Readily Biodegradable based on biodegradation profile of ingredients.
Bio accumulative 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. Product is comprised of water and Cleangredient® Direct Release approved ingredients.

Empty Containers: Offer for recycling.

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 / IMDG: 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): Not applicable
Clean Water Act (CWA): Not applicable

Clean Air Act (CAA): Not applicable
Clean Water Act (CWA): Not applicable
CERCLA: Not applicable

State Right To Know Lists:
Tetrasodium N,N-bis(carboxymethyl)-L-glutamate CAS# 51981-21-6 Massachusetts; New Jersey; Pennsylvania; < 1%

California Proposition 65: No ingredients listed
Texas ESL:
Hydrogen Peroxide CAS# 7722-84-1 1 ppb ESL; 1.4μg/m3 ESL long term 10 ppb ESL; 14μg/m3 ESL short term
Section 16: OTHER INFORMATION

Size   UPC
1 US Gallon  043318005350

USA item listed only. 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 (USA)  DSL  Domestic Substances List (Canada)
AICS  Australian Inventory of Chemical Substances  KECI  Korea Existing Chemicals Inventory
NZIoC  New Zealand Inventory of Chemicals  PICCS  Philippine Inventory of Chemicals & Chemical Substances
ENCS  Existing and New Chemical Substances (Japan)  IECSC  Inventory of Existing Chemical Substances Produced or Imported to China
ISHL  Industrial Safety & Health Law (Japan)  CH INV  New notified substances and declared preparations. (Switzerland)

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department.
This SDS has been revised in the following sections: Not applicable

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.