Safety Data Sheet: Simple Green® Multi-Purpose Cleaner Lemon Fresh (Ready-To-Use)

Version No. 16028-14A  Issue Date: June 01, 2014  Supersedes Date: January 1, 2013

OSHA HCS-2012 / GHS

Section 1: IDENTIFICATION

Product Name: Simple Green® Multi-Purpose Cleaner Lemon Fresh (Ready-To-Use)
Additional Names: Simple Green® All-Purpose Cleaner Lemon Scent (Ready-To-Use)

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

Recommended Use: Cleaner for hard non-porous water resistant surfaces
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 not regulated under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200), but has been classified as non-hazardous. 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: None  Hazard Symbol(s)/Pictogram(s): None required

Hazard Statements: None
Precautionary Statements: None
Hazards Not Otherwise Classified (HNOC): None
Other Information: None Known

CPSC FHSA
Emergency Overview: This is a yellow liquid with an added lemon odor. No hazards expected from typical use.
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>&gt; 92%*</td>
</tr>
<tr>
<td>Ethoxylated Alcohol</td>
<td>68439-46-3</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Sodium Citrate</td>
<td>68-04-2</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Tetrasodium N,N-bis(carboxymethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>77-92-9</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Isothiazolinone mixture</td>
<td>55965-84-9</td>
<td>&lt; 0.2%*</td>
</tr>
<tr>
<td>Fragrance</td>
<td>Proprietary Mixture</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Colorant</td>
<td>Proprietary Mixture</td>
<td>&lt; 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: Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.
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


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

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: No components listed with TWA or STEL values under OSHA or ACGIH.

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 ventilations when cleaning small spaces.
Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.
General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Added lemon odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>7.0 – 9.5</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>0°C (32°F)</td>
</tr>
<tr>
<td>Boiling Point &amp; Range</td>
<td>98°C (210°F), boils till evaporated</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>1.000 – 1.01</td>
</tr>
<tr>
<td>VOCs</td>
<td>**Water &amp; fragrance exemption in calculation</td>
</tr>
<tr>
<td>SCAQMD 304-91 / EPA 24</td>
<td>Not tested</td>
</tr>
<tr>
<td>CARB Method 310**</td>
<td>0.3 g/L 0.003 lb/gal 0.03%</td>
</tr>
<tr>
<td>SCAQMD Method 313</td>
<td>Not tested</td>
</tr>
<tr>
<td>VOC Composite Partial Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative Density</td>
<td>8.34 – 8.42 lb/gal</td>
</tr>
<tr>
<td>Solubility</td>
<td>100% in water</td>
</tr>
</tbody>
</table>
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 - Not expected to cause irritation, may cause slight stinging sensation.
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

Skin Corrosion/Irritation: Based on similar formulations, does not classify under this category.
Eye Damage/Irritation: Based on similar formulations, 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: Based on similar formulations, Aquatic Toxicity is expected to be ≥100 mg/L.
Terrestrial: Not tested on finished formulation.

Persistence and Degradability: Based on similar formulations, formula is expected to be Readily Biodegradable
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  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:

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): Not applicable  Clean Water Act (CWA): Not applicable
State Right To Know Lists: No ingredients listed  California Proposition 65: No ingredients listed
Texas ESL:
- Ethoxylated Alcohol 68439-46-3  60 µg/m³ long term
- Sodium Citrate 68-04-2  5 µg/m³ long term
- Sodium Carbonate 497-19-8  5 µg/m³ long term
- Citric Acid 77-92-9  10 µg/m³ long term

Section 16: OTHER INFORMATION

Size  Item Number  UPC
Simple Green® All-Purpose Cleaner Lemon Scent
32 oz. Trigger, 9 per case  16079  043318160714
32 oz. Trigger  250000116079  043318000812
32 oz. Trigger, 9 per case  2510000916079  043318002311
32 oz.  2 pack, 6 per case  2510000616085  043318000379
32 oz.  2510001205032  043318002311
32 oz., 9 per case  251000905032  043318002311
32 oz., 12 per case  2510001205032  043318002311
32 oz., 12 per case  2510001216028  043318160288

Simple Green® Multi-Purpose Cleaner Lemon Fresh
32 oz.  2500000116028  043318160288
32 oz., 12 per case  2510001216028  043318160288

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

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

Acronyms
- NTP National Toxicology Program
- OSHA Occupational Safety and Health Administration
- TSCA Toxic Substances Control Act
- IDMG 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: SDS created

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