

**Section 1: IDENTIFICATION**

**Product Name:** Simple Green® Stainless Steel One-Step Cleaner & Polish **Additional Names:**

**Manufacturer's Part Number:** \*Please refer to Section 16

**Recommended Use:** Light cleaner and polish for household stainless steel appliances.

**Restrictions on Use:** Do not use on floors or direct food contact surfaces.

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

**Section 2: HAZARDS IDENTIFICATION**

This product is classified as hazardous (Eye Corrosive/Irritant - 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:**

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 irritant persists: Get medical attention.

P264 – Wash hands thoroughly after handling.

P280 – Wear protective gloves and eye protection when handling concentrate.

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

**Other Information:** None Known

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

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	> 92%*
Alkyl, aryl derivatives		< 5%*
68855-24-3		
Poly(dimethyl)siloxane		< 1%*
63148-62-9		
Hexylene Glycol		< 1%*
107-41-5		
Citric Acid		< 1%*
77-92-9		

## Section 4: FIRST-AID MEASURES - continued

*\*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:** Causes serious eye irritation. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritant 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, CO<sub>2</sub>, 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. Wear Protective Gloves and 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

Safety Data Sheet: **Simple Green® Stainless Steel One-Step Cleaner & Polish**

Version No. 18300-14A

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Supersedes Date: April 26, 2013

OSHA HCS-2012 / GHS

**Exposure Limit Values:**

Hexylene Glycol 107-41-5 California, Connecticut, Michigan, Minnesota, OSHA, 25 ppm; 125 mg/m<sup>3</sup> PEL New York, Tennessee, Vermont, Washington,

**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**

<b>Appearance:</b>	Milky White Liquid	<b>Partition Coefficient: n-octanol/water:</b>	Not determined		
<b>Odor:</b>	No added fragrance	<b>Autoignition Temperature:</b>	Non-flammable		
<b>Odor Threshold:</b>	Not determined	<b>Decomposition Temperature:</b>	95°F		
<b>pH:</b>	4.5 – 7.5	<b>Viscosity:</b>	Like water		
<b>Freezing Point:</b>	0°C (32°F)	<b>Specific Gravity:</b>	0.99 – 1.01		
<b>Boiling Point &amp; Range:</b>	101°C (213.8°F)	<b>VOCs:</b>	**Water & fragrance exemption in calculation		
<b>Flash Point:</b>	> 212°F	SCAQMD 304-91 / EPA 24:	Not tested		
<b>Evaporation Rate:</b>	Not determined	CARB Method 310**:	1 g/L	0.008 lb/gal	0.1%
<b>Flammability (solid, gas):</b>	Not applicable	SCAQMD Method 313:	Not tested		
<b>Upper/Lower Flammability or Explosive Limits:</b>	Not applicable	<b>VOC Composite Partial Pressure:</b>	Not determined		
<b>Vapor Pressure:</b>	Not determined	<b>Relative Density:</b>	8.25 – 8.42		
<b>Vapor Density:</b>	Not determined	<b>Solubility:</b>	100% in water		

**Section 10: STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Non-reactive.	
<b>Chemical Stability:</b>	Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).	
<b>Possibility of Hazardous Reactions:</b>	None known.	
<b>Conditions to Avoid:</b>	Excessive heat or cold.	
<b>Incompatible Materials:</b>	Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents. <b>Hazardous</b>	
<b>Decomposition Products:</b>	Normal products of combustion - CO, CO <sub>2</sub> .	

**Section 11: TOXICOLOGICAL INFORMATION**

<b>Likely Routes of Exposure:</b>	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.

**Section 12: ECOLOGICAL INFORMATION**

*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 LD<sub>50</sub> (rat) > 5 g/kg body weight  
Dermal LD<sub>50</sub> (rabbit) Not calculated

*Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals*

**Skin Corrosion/Irritation:** Non-irritant per Dermal Irritation® assay modeling. No animal testing performed.

**Eye Damage/Irritation:** Causes serious eye irritation per Ocular Irritation® assay modeling. No animal testing performed. (GHS Hazard category 2A)

**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.

**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:** 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

**U.N. Proper Shipping Name:** Cleaning Compound, Liquid NOI

**NMFC Number:** 48580-3

**Class:** 55

## Section 16: OTHER INFORMATION

**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.

**U.S. (DOT) / Canadian TDG:** Not Regulated for shipping.

**ICAO/ IATA:** Not classified as Hazardous

**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

**CERCLA:** Not applicable

**State Right To Know Lists:** Hexylene Glycol 107-41-5 Massachusetts, New Jersey, Pennsylvania **California**

**Proposition 65:** No ingredients listed

**Texas ESL:**

Hexylene Glycol	107-41-5	25ppb; 120 µg/m <sup>3</sup> long term	250 ppb; 1200 µg/m <sup>3</sup> short term
Poly(dimethyl)siloxane	63148-62-9	5 µg/m <sup>3</sup> (PM 10) 100 µg/m <sup>3</sup> (vapor) 10 µg/m <sup>3</sup> long term	50 µg/m <sup>3</sup> (PM 10) 1000 µg/m <sup>3</sup> (vapor) 100 µg/m <sup>3</sup> short term
Alkyl, aryl derivatives	68855-24-3	5 µg/m <sup>3</sup> (PM 10) 100 µg/m <sup>3</sup> (vapor) long term	50 µg/m <sup>3</sup> (PM 10) 1000 µg/m <sup>3</sup> (vapor) short term
Citric Acid	77-92-9	10 µg/m <sup>3</sup> long term	100 µg/m <sup>3</sup> short term

<u>Size</u>	<u>Item Number</u>	<u>UPC</u>
2 oz.	3500000118302	043318183027
2 oz., 48 per case	18302 & 3510004818302	043318183027
16 oz.	3500000118303	043318183034
16 oz., 12 per case	18303 & 3510001218303	043318183034
32 oz.	3500000118300	043318183003
32 oz., 12 per case	18300 & 3510001218300 & 3580101218300	043318183003
1 Gallon	3500000118304	043318183041
1 Gallon, 4 per case	18304 & 3510000418304	043318183041
5 Gallon	18305 & 3500000118305	043318183058
		55 Gallon 18355 & 3500000118355 043318183553

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

**NFPA:**

Health – Eye Irritant

Flammability – Non-flammable

Stability – Stable

Special - None



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**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 SDS layout

**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.