

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

Version No. 18300-13A

Date of Issue: April 26, 2013

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ANSI-Z400.1-2010

Section 1: PRODUCT & COMPANY IDENTIFICATION

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

Additional Names:

Manufacturer's Part Number: 18320 & 3510000418320 – 1 gal. Bottle 18303 & 3510001218303 – 16 oz Trigger
18300 & 3510001218300 – 32 oz. Trigger 18305 – 5 gal. Pail 18355 & 3500000118355 – 55 Gal. Drum

Company: Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Beach, CA 92649 USA

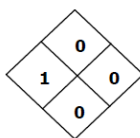
Telephone: 800-228-0709 • 562-795-6000 Fax: 562-592-3830

Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-255-3924

Section 2: HAZARDS IDENTIFICATION

Emergency Overview: CAUTION. Irritant. This is a Milky-White colored liquid with a detergent odor. Wipes are infused with milky-white liquid and have a fruity odor.

Routes of Exposures: Eye Contact, Skin Contact, Inhalation



NFPA/HMIS Rating:

Health = 1 = slight

Fire, Reactivity, and Special = 0 = minimal

Potential Health Effects

Eye Contact: Mildly irritating.

Skin Contact: No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Chemically sensitive individuals may experience mild irritation.

Ingestion: May cause stomach or intestinal irritation if swallowed.

Inhalation: No adverse effects expected under typical use conditions. Adequate ventilation should be present for prolonged usage in small enclosed areas.

Medical Conditions Aggravated by Exposure: Dermally sensitive users may experience dry skin.

Target Organs: None.

Environmental Effects: Not harmful.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water (Aqua),	7732-18-5	≥ 94%
Alkyl, aryl derivatives	68855-24-3	≤ 5%
Poly(dimethyl)siloxane	63148-62-9	≤ 1%
Hexylene glycol	107-41-5	≤ 1%
Citric Acid	77-92-9	≤ 1%

Section 4: FIRST AID MEASURES

If Inhaled: If adverse effect occurs, move to fresh air.

If on skin: If adverse effect occurs, rinse skin with water.

If in eyes: Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes. If irritation persists seek medical attention.

If ingested: Drink plenty of water to dilute.

Section 5: FIRE FIGHTING MEASURES**Flammability:** Non-flammable**Flash Point:** Non-flammable**Suitable Extinguishing Media:** Use Dry chemical, CO₂, water spray or "alcohol" foam.**Extinguishing Media to Avoid:** High volume jet water.**Products of Combustion:** In event of fire created carbon oxides.**Special Protective Equipment:** Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.**Section 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions:** See section 8 – personal protection.**Environmental Precautions:** Do not allow into open waterways and ground water systems.**Method for Containment:** Dike or soak up with inert absorbent material.**Method for Clean Up:** Dilute with water and rinse into sanitary sewer system or place absorbent material in waste bin.**Section 7: HANDLING AND STORAGE****Handling:** Keep container tightly closed. Ensure adequate ventilation. Keep out of reach of children.**Storage:** Keep in cool dry area.**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limit Values:	OSHA PEL	ACGIH TLV
Hexylene Glycol	-	25 ppm (121 mg/m ³)

Exposure Controls:

Eye Contact: Use protective glasses if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas.

Skin Contact: Prolonged exposure or dermal sensitive individuals should use protective gloves.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky White	Odor:	No added odor
Physical State:	Liquid	Odor Threshold:	Not available
Boiling Point:	~212°F (100°C)	Flash Point:	Not applicable
Freezing Point:	~ 32°F (0°C)	Flammability:	Not applicable
Specific Gravity:	0.990 – 1.110	Autoignition Temperature:	Not applicable
Evaporation Rate:	Not determined	Decomposition Temperature:	Not determined
Vapor Pressure:	Not determined	Density:	8.26 – 9.25 lb/gal
Vapor Density:	Not determined	Water Solubility:	100%
pH:	4.5 – 7.5	Partial Coefficient:	Not determined
VOCs:	CARB Method 310 - 1.5%	VOC Composite Partial Pressure:	Not determined
Nutrients:	Not applicable		

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).
Reactivity: Non-reactive
Conditions to Avoid: Excessive heat or prolonged direct sunlight.
Incompatible Materials: None known.
Hazardous Decomposition Products: Normal products of combustion - CO, CO2
Possibility of Hazardous Reactions: Not possible

Section 11: TOXICOLOGICAL INFORMATION

Effects of Exposure: Not expected to be hazardous under typical use conditions.

Acute Toxicity: Oral LD₅₀ (rat) > 5 g/kg body weight
Dermal LD₅₀ (rabbit) > 5 g/kg body weight

calculated via OECD Harmonized Integrated Classification System for Human Health & Environmental Hazards of Chemical Substances & Mixtures

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.

Section 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: Low, based on toxicology profile of ingredients.

Terrestrial Toxicity: Low, based on toxicology profile of ingredients

Persistence and degradability: Biodegradable, based on biodegradability profile of ingredients. Minute fraction of silicone content within siloxane degrades mechanically.

Mobility: No data available.

Bioaccumulation: Not applicable.

Section 13: DISPOSAL CONSIDERATIONS

Appropriate Method for Disposal:

Unused Product: *Dilute with water and dispose by sanitary sewer.

Used Product: * Used product may be hazardous depending on the cleaning application and resulting contaminants.

Empty Containers: *Triple-rinse with water and offer for recycling if available in your area. Otherwise, dispose as non-hazardous waste.

*Dispose of used or unused product, and empty containers in accordance with the local, State, Provincial, and Federal regulations for your location. Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT) / Canadian TDG: Not Regulated

IMO / IDMG: Not classified as Dangerous

ICAO/ IATA: Not classified as Dangerous

ADR/RID: Not classified as Dangerous

U.N. Number	Not Required	Proper Shipping Name:	Detergent Solution
Hazard Class:	Non-Hazardous	Marine Pollutant:	No

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA, DSL and AICS Inventory.

No components listed under: Clean Air Act Section 112; Clean Water Act 307 & 311

SARA Title III No reportable ingredients

RCRA Status: Not a hazardous waste CERCLA Status: No components listed

State Right To Know Lists

Hexylene Glycol	Massachusetts, New Jersey, Pennsylvania
Poly(dimethylsiloxane)	New Jersey

WHMIS Classification – Category D, subcategory 2B, eye irritant

Name	Toxic Substances List – Schedule 1 – CEPA (Canadian Environmental Protection Act)	NPRI Inventory
None	No	No

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by Canada’s Controlled Products Regulation.

Section 16: OTHER INFORMATION

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department.

This SDS has been revised in the following sections: Several sections reformatted, additional part numbers added.

DISCLAIMER: The information provided with this MSDS is furnished in good faith and without warranty of any kind. Personnel handling this material must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of this material and the safety and health of employees and customers. Sunshine Makers, Inc. assumes no additional liability or responsibility resulting from the use of, or reliance on this information.