

**Section 1: PRODUCT & COMPANY IDENTIFICATION**

Product Name: Simple Green® Safety Towels

Additional Names: Safety Towels

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

Company: Sunshine Makers, Inc.

15922 Pacific Coast Highway

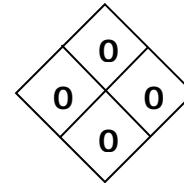
Huntington Beach, CA 92649 USA

Telephone: 800-228-0709 • 562-795-6000

Fax: 562-592-3830

*Monday – Friday, 8am – 5pm PST*

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

**Section 2: HAZARDS IDENTIFICATION****Emergency Overview:** This is a colorless liquid with light detergent odor on a polypropylene substrate.**Routes of Exposures:** Eye Contact, Skin Contact, Inhalation**Potential Health Effects****Eye Contact:** Not expected to cause eye irritation.**Skin Contact:** Not expected to cause skin irritation.**Ingestion:** May cause upset stomach. See section 11.**Inhalation:** Not expected to cause respiratory irritation.**Medical Conditions Aggravated by Exposure:** Dermally sensitive users may experience dry skin.**Target Organs:** None.**Environmental Effects:** Not harmful.**NFPA/HMIS Rating:**

Health = 0 = mild

Fire, Reactivity, and

Special = 0 = minimal

This mixture is considered Hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

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

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent by weight</u>
Water	7732-18-5	≥ 94.8%
Ethoxylated Alcohol	68439-46-3	≤ 1%
Sodium Citrate	68-04-2	≤ 1%
Tetrasodium <i>N,N</i> -bis(carboxymethyl)-L-glutamate	51981-21-6	≤ 1%
Sodium Carbonate	497-19-8	≤ 1%
Citric Acid	77-92-9	≤ 1%
Preservative	proprietary	< 0.2%

**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:** If adverse effect occurs, flush eyes with water.**If ingested:** Drink plenty of water to dilute.

**Section 5: FIRE FIGHTING MEASURES****Flammability:** Non-flammable fluid.**Flash Point:** No flash point seen at or below 212°F (100°C), ASTM D-93 (fluid only).**Suitable Extinguishing Media:** Use Dry chemical, CO<sub>2</sub>, water spray or “alcohol” foam.**Extinguishing Media to Avoid:** High volume jet water.**Products of Combustion:** In event of fire, fire created carbon oxides may be formed.**Special Protective Equipment:** Firefighters should wear self-contained breathing apparatus and full fire-fighting turn-out gear.**Section 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions:** Use personal protection recommended in section 8.**Environmental Precautions:** Prevent from entering drains, sewers or waterways.**Method for Containment:** Gather into suitable container or dispose of as non-hazardous waste.**Method for Clean Up:** Rinse residues with water into sanitary sewer system or dispose into suitable container as non-hazardous waste.**Section 7: HANDLING AND STORAGE****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.**Storage:** 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). Do not allow to freeze.**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Limit Values:** No components listed with TWA or STEL values under OSHA or ACGIH.**Engineering Controls:** Not applicable.**Exposure Controls:**

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

Respiratory: Use in well ventilated areas.

Skin Contact: Dermal sensitive individuals should use protective gloves.

General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES – for liquid on substrate****Appearance:** Clear colorless liquid on white substrate**Odor:** No added odor – faint detergent smell**Physical State:** Solid infused with liquid**Odor Threshold:** Not available*Information on fluid only***Boiling Point** ASTM D-1120: 101°C (213.8°F)**Flash Point** ASTM D-93: Not applicable**Freezing Point** ASTM D-1177: 0 - 3.33°C (32 - 38°F)**Flammability:** Not applicable**Specific Gravity** ASTM D-891: 1.01 – 1.03**Autoignition Temperature:** Not applicable**Evaporation Rate** ASTM D-1901: ½ Butyl Acetate @ 25°C**Decomposition Temperature:** Not applicable**Vapor Pressure** ASTM D-323: 0.60 psi @ 77°F, 2.05 psi @ 100°F**Density** ASTM D-4017: 8.552 lb/gal

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES – for liquid on substrate ... continued**

<b>Vapor Density:</b>	Not applicable	<b>Water Solubility:</b>	100%
<b>pH</b> ASTM D-1293:	9.0 ± 0.5	<b>Partial Coefficient:</b>	Not available
<b>VOCs:</b>	CARB Method 310:	<0.5 g/L ... <0.004 lb/gal ... <0.05%	
<b>VOC composite Partial Pressure:</b>	Not Determined		
<b>Nutrient Content:</b>	Phosphorous: 0.0%		

**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: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Normal products of combustion - CO, CO<sub>2</sub>.

Possibility of Hazardous Reactions: None known.

**Section 11: TOXICOLOGICAL INFORMATION**

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

Acute Toxicity: Oral LD<sub>50</sub> (rat) > 5 g/kg body weight

Dermal LD<sub>50</sub> (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.

Eyes: Non-hazardous via calculation per The Globally Harmonized System of Classification and Labelling of Chemicals.

Skin: Non-hazardous via calculation per The Globally Harmonized System of Classification and Labelling of Chemicals.

**Section 12: ECOLOGICAL INFORMATION**

*Information on fluid only.*

Aquatic Toxicity: Low, based ingredient profile.

Terrestrial Toxicity: Low, based on ingredient profile.

Persistence and degradability: Expected to be biodegradable based on ingredient profile.

Mobility: No data available.

Bioaccumulation: Not applicable.

**Section 13: DISPOSAL CONSIDERATIONS**

Appropriate Method for Disposal:

Unused Product: \*Allow towels to completely dry, and then dispose as non-hazardous waste.

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.

\*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 rinses into lakes, streams, and open bodies of water or storm drains.

**Section 14: TRANSPORT INFORMATION**

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

IMO / IDMG: Not classified as Hazardous

ICAO/ IATA: Not classified as Hazardous

ADR/RID: Not classified as Hazardous

U.N. Number: Not applicable

Proper Shipping Name: Detergent/Cleaning Solution

Hazard Class: Non-Hazardous

Marine Pollutant: No

**Section 15: REGULATORY INFORMATION**

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

SARA Title III: Sections 311/312 Not applicable.  
 Sections 313 Not applicable.  
 Sections 302 Not applicable.

State Right To Know Lists: No ingredients listed.

CA Prop 65: No ingredients listed.

Texas ESL:

Ethoxylated Alcohol	68439-46-3	60 µg/m3 long term	600 µg/m3 short term
Sodium Citrate	68-04-2	5 µg/m3 long term	50 µg/m3 short term
Sodium Carbonate	497-19-8	5 µg/m3 long term	50 µg/m3 short term
Citric Acid	77-92-9	10 µg/m3 long term	100 µg/m3 short term

**WHMIS Classification** – Not classified as hazardous.

Name	Toxic Substances List – Schedule 1 – CEPA	NPRI Inventory
No	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**

**PART NUMBERS:**      **SIZES:**  
 3810000613351      75-count canister  
 3810005013322      5-pack

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

**BATCH CODING:**

The following code is applied to every container of Simple Green wipe product:  
 Example **123413016A**

The first four numbers (**1234**) are assigned to our formula by the towel converter. Their internal records will note the batch code for the Simple Green product used to make each batch of wipes fluid.

Second two digits (**13**) are the last two digits of the year, and the next three digits (**016**) are the Julian Date on which the batch was made. The final alpha (**A**) is the batch on that day, in case more than one batch is converted on the same day.

**Prepared / Revised By:** Sunshine Makers, Inc., Regulatory Department.  
**This SDS has been revised in the following sections:** 16: added batch coding information

**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.