

Section 1: IDENTIFICATION

Product Name: Simple Green® Hand Cleaner Gel
Additional Names:

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

Recommended Use: Cleaner for removing grease, dirt and grime from hands.
Restrictions on Use: Do not use for any other application.

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 considered hazardous (Eye Corrosive/Irritant – Category 2B) by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

OSHA HCS 2012
Label Elements

Signal Word: Warning

Hazard Symbol(s)/Pictogram(s): None required

Hazard Statements:
H320 – Causes eye irritation.

Precautionary Statements:
P264 – Wash hands thoroughly after handling.
P305 + P351 + P338 – IF IN EYS: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention.

Hazards Not Otherwise Classified (HNOC): None Known

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	> 87.5%
Pumice	1332-09-8	< 2%
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	proprietary	< 1%
Diisopropanolamine	110-97-4	< 1%
Sodium Citrate	68-04-2	< 1%
Ethoxylated alcohol	68439-46-3	< 1%
Acetylated Lanolin Alcohol	61788-49-6	< 1%
Sodium Carbonate	497-19-8	< 1%
Citric Acid	77-92-9	< 1%
Tetrasodium N,N-bis(carboxymethyl)-L-glutamate	51981-21-6	< 1%
Fragrance	Proprietary	< 1%
Colorant	Proprietary	< 1%
Benzyl Alcohol	100-51-6	< 0.5%
Dehydroacetic acid	520-45-6	< 0.5%

*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 eye irritation. IF IN EYS: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/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, 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

Personal Precautions, Protective Equipment and Emergency Procedures: *For non-emergency and emergency personnel:* See section 8 – personal protection. Avoid eye contact. Wear 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 109°F (42.7°C).

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

Appearance:	Viscous Green Gel	Partition Coefficient: n-octanol/water:	Not determined	
Odor:	Added sassafras odor	Autoignition Temperature:	Non-flammable	
Odor Threshold:	Not determined	Decomposition Temperature:	109°F	
pH:	5.0 – 7.0	Viscosity:	7500 – 12000 cps	
Freezing Point:	0°C (32°F)	Specific Gravity:	0.95 – 1.05	
Boiling Point & Range:	101°C (213.8°F)	VOCs:	**Water & fragrance exemption in calculation	
Flash Point:	> 212°F	SCAQMD 304-91 / EPA 24:	Not tested	
Evaporation Rate:	Not determined	CARB Method 310**:	0.8 g/L	0.033 lb/gal 0.08%
Flammability (solid, gas):	Not determined	SCAQMD Method 313:	Not tested	
Upper/Lower Flammability or Explosive Limits:	Not applicable		VOC Composite Partial Pressure:	Not determined
Vapor Pressure:	Not determined	Relative Density:	7.923 – 8.757 lb/gal	
Vapor Density:	Not determined	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:	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, CO ₂ .

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 -	Causes eye irritation.
	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 LD ₅₀ (rat)	> 5 g/kg body weight
	Dermal LD ₅₀ (rabbit)	> 5 g/kg body weight

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:	Irritant per Ocular Irritation® assay modeling. No animal testing performed.
Germ Cell Mutagenicity:	Mixture does not classify under this category.
Carcinogenicity:	No ingredients trigger or classify under this category under NTP, IARC or OSHA.
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.

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: Dispose of in accordance with local regulations.

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:	Soap, Hand in container freestanding or with pump
Transport Hazard Class(es):	Not applicable	NMFC Number:	59363
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: 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): Benzyl Alcohol 100-51-6 Group III
Clean Water Act (CWA): Not applicable

State Right To Know Lists: Diisopropanolamine 110-97-4 Massachusetts, Pennsylvania
Benzyl Alcohol 100-51-6 Massachusetts, Pennsylvania

California Proposition 65: No ingredients listed

Texas ESL:

Ethoxylated Alcohol	68439-46-3	60 µg/m ³ long term	600 µg/m ³ short term
Sodium Citrate	68-04-2	5 µg/m ³ long term	50 µg/m ³ short term
Sodium Carbonate	497-19-8	5 µg/m ³ long term	50 µg/m ³ short term
Citric Acid	77-92-9	10 µg/m ³ long term	100 µg/m ³ short term
Pumice	1322-09-8	5 µg/m ³ long term	50 µg/m ³ short term
Diisopropanolamine	110-97-4	46 µg/m ³ long term	460 µg/m ³ short term
Benzyl Alcohol	100-51-6	44 µg/m ³ long term	440 µg/m ³ short term

