

**Section 1: IDENTIFICATION**

**Product Name:** Simple Green® Hand Sanitizer  
**Additional Names:** Simple Green Hand Sanitizer Gel

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

**Recommended Use:** Topical sanitizing gel for hand cleaning when soap and water are not available.  
**Restrictions on Use:** Do not use for any other application or on any other body part other than hands.

**Distributed By:** Sunshine Makers, Inc. **Telephone:** 800-228-0709 • 562-795-6000 *Mon – Fri, 8am – 5pm PST*  
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 Huntington Beach, CA 92649 USA **Email:** [info@simplegreen.com](mailto:info@simplegreen.com)

**Manufactured By:** HPPE, LLC 6906 Dixie St. Columbus, GA 31907 Phone: (706) 563-9290  
**Emergency Phone:** Chemtrec 24-Hour Emergency Telephone (USA & Canada): 800-424-9300 / +1 703-527-3887  
 (Worldwide): 203-300-3918

**Section 2: HAZARDS IDENTIFICATION**

This product is considered hazardous under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**OSHA HCS 2012:** Eye Corrosive / Irritant Category 2A  
 Flammable Category 2  
 Specific Target Organ Toxicity Category 3

OSHA HCS 2012Label Elements

**Signal Word:** DANGER

**Hazard Symbol(s)/Pictogram(s):**



**Hazard Statements:** Highly flammable liquid and vapor. Causes serious eye irritation.

**Precautionary Statements:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion -proof electrical / ventilating / lighting / equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands and exposed body parts thoroughly after handling. Wear protective gloves / eye protection / face protection. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water / shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire: Use dry sand, dry chemical or alcohol resistant foam to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents / container in accordance with local/regional/national/international regulations.

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

**Unknown Acute Toxicity:** None Known

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

<u>Ingredient</u>	<u>CAS Number</u>	<u>Concentration (%w/w ±5%)</u>
Isopropyl Alcohol	67-63-0	75.00%
PEG-6	25322-68-3	02.00%
AMP-Acrylates/Vinyl isodecanoate Crosspolymer	191808-02-3	
Glycerin	56-81-5	02.11%
Purified Water USP	7732-18-5	20.89%

**Section 4: FIRST-AID MEASURES**

**Inhalation:** If inhaled, remove to fresh air. If symptoms persist, call a physician.

**Skin Contact:** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water / shower.

**Section 4: FIRST-AID MEASURES - continued**

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:** May cause upset stomach. Drink plenty of water to dilute. See section 11.

**Most Important Symptoms/Effects, Acute and Delayed:** Causes serious eye irritation.

**Indication of Immediate Medical Attention and Special Treatment Needed, if necessary:** If exposure to this product causes adverse effects, seek immediate medical attention. Conditions should be treated symptomatically.

**Section 5: FIRE-FIGHTING MEASURES**

**Suitable & Unsuitable Extinguishing Media:** Use dry sand, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific Hazards Arising from Chemical:** In event of fire, fire created carbon oxides may be formed.

**Hazardous Combustion Products:** Carbon oxides

**Special Protective Actions for Fire-Fighters:** Wear positive pressure self-contained breathing apparatus; Wear full protective clothing. Do not use solid water stream as it may scatter fire. Cool closed containers exposed to fire with water spray. Flash back possible over considerable distance. May form explosive mixtures in air. Exposure to decomposition products may be hazardous to health.

**Other information:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures:** In case of spill, evacuate the area and remove all ignition sources. Do not expose to heat, flames, or ignition sources during any spill cleanup activities. Wear appropriate personal protective equipment during any cleanup and response activities as described in Section 8. Material can create slippery conditions.

**Environmental Precautions:** Do not allow into open waterways and ground water systems. Do not release this product or waste streams containing this product to water or the environment. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

**Methods and Materials for Containment and Clean Up:** Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

**Section 7: HANDLING AND STORAGE****Precautions for Safe Handling and Storage:**

NFPA Class I storage. Vent container carefully before opening. Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended. "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze, solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources. Keep containers tightly closed when not in use. Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.

**Other Precautions and Information:** None

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limit Values:	Component	OSHA PEL	ACGIH TLV
	Isopropyl Alcohol - CAS 67-63-0	400 ppm	200 ppm (TWA)

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION - continued**

**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control low airborne levels of the product. If the product is present above low levels, local exhaust or other measures may be necessary to control worker exposure. Engineering controls may be necessary during heating operations where irritating vapors may evolve or be released.

**Individual Protection Measures / Personal Protective Equipment (PPE)**

**Eye/Face Protection:** Wear face shield and protective suit for abnormal processing problems. Avoid contact with eyes.  
**Protective Gloves:** No special protective equipment required.  
**Protective Clothing:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. Ensure that eye flushing systems and safety showers are located close to the working place.  
**Respiratory Protection:** No personal respiratory protective equipment normally required.  
**Air Monitoring:** There is no air monitoring information available for this product.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, colorless; gel-like	<b>Partition Coefficient:</b>	No information available
<b>Odor:</b>	Characteristic Alcohol-like scent	<b>Autoignition Temperature:</b>	No information available
<b>Odor Threshold:</b>	No information available	<b>Decomposition Temp:</b>	No information available
<b>pH:</b>	6.0 – 8.5	<b>Viscosity:</b>	>10,000 cP @ 20°C
<b>Freezing Point:</b>	No information available	<b>Specific Gravity:</b>	0.8800 ± 0.0300 @ 20°C
<b>Boiling Point &amp; Range:</b>	No information available	<b>Solubility:</b>	Miscible
<b>Flash Point:</b>	19°C / 66.2°F (Estimated)	<b>VOC Composite Partial Pressure:</b>	No applicable information available
<b>Evaporation Rate:</b>	No information available	<b>VOCs:</b>	70% 700 g/L
<b>Flammability (solid, gas):</b>	No information available		Per CARB Method 310
<b>Upper/Lower Flammability or Explosive limit:</b>		No information available	
<b>Vapor Pressure:</b>	No information available	<b>Relative Density:</b>	7.089 – 7.5894 lbs/gal
<b>Vapor Density:</b>	No information available	<b>VOC Composite Partial Pressure:</b>	No information available

**Section 10: STABILITY AND REACTIVITY**

**Reactivity:** There are no specific reactivity hazards.  
**Chemical Stability:** Stable under normal conditions.  
**Possibility of Hazardous Reactions:** Hazardous reactions are not expected under normal conditions.  
**Conditions to Avoid:** Avoid heat, fire, open flames, direct light, and ignition sources.  
**Incompatible Materials:** Strong oxidizing agents.  
**Hazardous Decomposition Products:** Hazardous decomposition products or byproducts are not expected under normal conditions.  
**Hazardous Polymerization:** This product will not undergo hazardous polymerization.  
**Other Information:** See section 7 for further information.

**Section 11: TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Exposure to this product (including its vapors) may occur through the eyes, skin, ingestion, and inhalation.  
**Acute Toxicological Data:** There are no acute toxicological data on this product. Based on the data of the individual components, the acute toxicity of this product is expected to be low.  
**Eye Irritation Data:** There are no eye irritation data on this product. Based on the data of the individual components, this product is expected to cause serious eye irritation. continued

**Section 11: TOXICOLOGICAL INFORMATION - continued**

<b>Skin Irritation / Sensitization / Absorption Data:</b>	There are no skin irritation data on this product. Based on the data of the individual components, this product is not expected to cause skin irritation. Absorption through the skin is not expected to occur. This product is not expected to cause skin sensitization.
<b>Sub-chronic Toxicity Data:</b>	There are no sub-chronic toxicity data on this product. Based on the data of the individual components, the sub-chronic toxicity of this product is expected to be low.
<b>Germ Cell Mutagenicity Data:</b>	There are no mutagenicity data on this product. Based on the data of the individual components, this product is not expected to present a mutagenicity hazard.
<b>Teratogenicity (birth defects) Data:</b>	There are no teratogenicity data on this product. Based on the data of the individual components, this product is not expected to present a teratogenicity hazard.
<b>Reproductive Toxicity Data:</b>	There are no reproductive toxicity data on this product. Based on the data of the individual components, this product is not expected to present a reproductive toxicity hazard.
<b>Chronic/Carcinogenicity Data:</b>	There are no chronic effects or carcinogenicity data on this product. Based on the data of the individual components, this product is not expected to present a chronic or carcinogenicity hazard.
<b>STOT-Single Exposure:</b>	<i>Mixture does not classify under this category.</i>
<b>STOT-Repeated Exposure:</b>	<i>Mixture does not classify under this category.</i>
<b>Aspiration Hazard:</b>	<i>Mixture does not classify under this category.</i>

**Section 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	There are no ecotoxicity data on this product.
<b>Aquatic:</b>	Not tested on finished formulation.
<b>Terrestrial:</b>	Not tested on finished formulation.
<b>Persistence and Degradability:</b>	There are no persistence and degradability data on this product.
<b>Bioaccumulative Potential:</b>	There are no bioaccumulation data on this product.
<b>Mobility in Soil:</b>	There are no mobility data on this product.
<b>Other Adverse Effects:</b>	There are no other adverse ecological effects data on this product.

**Section 13: DISPOSAL CONSIDERATIONS**

<b>Waste Classification:</b>	Dispose of in accordance with local regulations. For contaminated packaging, dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Household quantities of empty containers may be rinsed and disposed in recycled household waste.
<b>U.S. EPA Waste Number:</b>	No applicable information available.
<b>Special Instructions:</b>	None.

**Section 14: TRANSPORT INFORMATION**

<b>UN Number:</b>	UN1993
<b>UN Proper Shipping Name:</b>	Flammable liquids, n.o.s. (Isopropyl alcohol)
<b>Transport Hazard Class(es):</b>	3
<b>Packing Group:</b>	II
<b>Limited Quantity (Land):</b>	1 Liter (0.3 Gallons) <i>See below</i>

**49 CFR 173.150 (b)** A limited quantity package that conforms to the provisions of this section is not subject to the shipping paper requirements of subpart C of part 172 of this subchapter, unless the material meets the definition of a hazardous substance, hazardous waste, marine pollutant, or is offered for transportation and transported by aircraft or vessel, and is eligible for the exceptions provided in §173.156 of this part. In addition, shipments of limited quantities are not subject to subpart F (Placarding) of part 172 of this subchapter. Each package must conform to the packaging requirements of subpart B of this part and may not exceed 30 kg (66 pounds) gross weight. Except for transportation by aircraft, the following combination packagings are authorized:

**49 CFR 173.150 (b)(2)** For flammable liquids in Packing Group II, inner packagings not over 1.0 L (0.3 gallons) net capacity each, packed in a strong outer packaging.

**Section 14: TRANSPORT INFORMATION – continued**

**49 CFR 173.150 (c) Consumer commodities.** Until December 31, 2020, a limited quantity package containing a “consumer commodity” as defined in §171.8 of this subchapter, may be renamed “Consumer commodity” and reclassified as ORM-D or, until December 31, 2012, as ORM-D-AIR material and offered for transportation and transported in accordance with the applicable provisions of this subchapter in effect on October 1, 2010.

**49 CFR 171.8 Consumer commodity** means a material that is [packaged](#) and distributed in a form intended or suitable for sale through retail sales agencies or instrumentalities for consumption by individuals for purposes of personal care or household use. This term also includes drugs and medicines.

**Limited Quantity (Passenger Aircraft / Rail):** 5 Liter

**Limited Quantity (Cargo Aircraft Only):** 60 Liter

**Section 15: REGULATORY INFORMATION**

**TSCA Inventory Status:** All intentional substances contained in this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substance Inventory. This product contains no substances specifically regulated under TSCA.

**Waste Classification:** Dispose of as solid waste in conformance with all federal, state, and local regulations. All recovered material must be packaged, labeled, transported, and disposed of in conformance with applicable laws and regulations.

It is the responsibility of the user to determine at the time of waste disposal whether a material containing the product or derived from the product should be classified as a solid or hazardous waste.

**CERCLA:** Reportable Quantity: This material does not contain any components with a CERCLA RQ.

**SARA Title III:** **Sections 311/312 Hazard Categories –** Fire hazard. Acute health hazard.  
**Sections 313 Superfund Amendments and Reauthorizations Act of 1986 –** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 313.  
**Sections 302 –** Not applicable.

**Clean Air Act (CAA):** Not applicable      **Clean Water Act (CWA):** Not applicable

**State Right to Know Lists:** 2-Propanol (Isopropyl Alcohol) CAS 67-63-0      Massachusetts, New Jersey, Pennsylvania

**California Proposition 65:** This product contains no chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Section 16: OTHER INFORMATION**

<u>Size</u>	<u>UPC</u>
2 oz.	043318006487
4 oz.	043318006494
8 oz.	043318006500
16 oz.	043318006517

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

**Prepared / Revised By:** Sunshine Makers, Inc., Regulatory Department based on information provided by manufacturer, HPPE, Inc.  
**This SDS has been revised in the following sections:** 2 & 14

**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.