

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Hand Cleaner Gel

Manufacturer's Product Code Numbers: 42150 5 oz tube (SW-PN 1604149)
42675 6.75 oz tube (no SW-PN)
42128 1 gallon pump bottle (SW-PN 1604172)
42014 14 oz. tub (SW-PN 9577032)

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

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

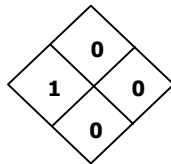
Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-255-3924

Use of Product: General Cleaning and degreasing gel for hands, clothes, or soiled areas requiring an effective, local cleaning agent. Can be used with or without water.

Section 2: HAZARDS IDENTIFICATION

Emergency Overview: CAUTION. Mild eye irritant.

Simple Green® Hand Cleaner Gel is a viscous green gel with a sassafras odor.



HMIS Rating:

Health = 1 = slight

Fire = 0

Reactivity, and Special = 0 = minimal

Eye Contact: Mild Eye Irritant.

Skin Contact: No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Under this condition, use of gloves or skin moisturizer after washing may be indicated.

Ingestion: May cause stomach or intestinal upset if swallowed (due to deterative properties.)

Inhalation: No adverse effects expected under typical use conditions. Adequate ventilation should be present when using over a prolonged period of time. Open windows or ventilate via fan or other air-moving equipment if necessary.

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

Medical Conditions: No medical conditions are known to be aggravated by exposure to Simple Green® Hand Cleaner Gel or wipes. Dermal-sensitive users may experience mild but reversible reactions.

UN Number: Not Required

Dangerous Goods Class: Non-hazardous

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

The only ingredient of Simple Green® Hand Cleaner Gel with established exposure limits is undiluted 2-butoxyethanol (3.5%) (Butyl Cellosolve; CAS No. 111-76-2); the ACGIH TLV-TWA is 20 ppm (97 mg/m³). Based upon chemical analysis, Simple Green® Hand Cleaner Gel contain no known EPA priority pollutants, heavy metals or chemicals listed under RCRA, CERCLA, or CWA. Analysis by TCLP (Toxicity Characteristic Leaching Procedure) according to RCRA revealed no toxic organic or inorganic constituents.

All components of Simple Green® Hand Cleaner Gel are listed on the TSCA Chemical Substance Inventory.

Section 4: FIRST AID MEASURES

- Eye Contact: Reddening may develop. Immediately rinse the eye with large quantities of cool water; continue 10-15 minutes or until the material has been removed; be sure to remove contact lenses, if present, and to lift upper and lower lids during rinsing. Get medical attention if irritation persists.
- Skin Contact: Minimal effects, if any; rinse skin with water, rinse shoes and launder clothing before reuse. Reversible reddening may occur in some dermal-sensitive users; thoroughly rinse area and get medical attention if reaction persists.
- Swallowing: Essentially non-toxic. Give several glasses of water to dilute; do not induce vomiting. If stomach upset occurs, consult physician
- Inhalation: Non-toxic. Exposure to vapors not a concern, but if dizziness occurs, get to fresh air.

Section 5: FIRE FIGHTING MEASURES

Simple Green® Hand Cleaner Gel is stable, not flammable, and will not burn.

- Flash Point/Auto-Ignition: Not flammable.
- Flammability Limits: Not flammable.
- Extinguishing Media: Not flammable/non-explosive. No special procedures required.
- Special Fire Fighting Procedures: None required.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes. Do not rub eyes with hands during cleanup. No special precautions for dermal contact are needed. Wash hands thoroughly after cleaning up spill or leak.

Method for cleaning up: Recover usable material by convenient method, residual may be removed by wipe or wet mop. If necessary, unrecoverable material may be washed to drain with large quantities of water.

Section 7: HANDLING AND STORAGE

No Special precautions are required. **This product is non-hazardous for storage and transport according to the U.S. Department of Transportation Regulations.** Simple Green® Hand Cleaner Gel requires no special labeling or placarding to meet U.S. Department of Transportation requirements.

UN Number: Not Required **Dangerous Goods Class:** Non-hazardous

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Limits: Simple Green® Hand Cleaner Gel formulation presents no health hazards to the user when used according to label directions for its intended purposes. Mild skin and eye irritation is possible (please see Eye contact and Skin contact in section IV.) No special precautionary measures required under normal use conditions.
- Ventilation: No special ventilation, precautions or respiratory protection is required during normal use.
- Human Health Effects or Risks From Exposure: Adverse effects on human health are not expected from Simple Green® Hand Cleaner Gel, based on chemical profile of the individual ingredients used and laboratory toxicity data for the product as a whole.
- Eye protection: Simple Green® Hand Cleaner Gel can cause eye irritation, common to surfactants or hard granular material in the eye. Wash and/or wipe hands dry after using gel.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION – continued –

- Skin protection:** Simple Green® Hand Cleaner Gel is not likely to irritate the skin in the majority of users. Repeated daily application to the skin without rinsing, or continuous contact on the skin may lead to temporary, but reversible, irritation. Rinse completely from skin after contact.
- General hygiene conditions:** There are no known hazards associated with this material when used as recommended. The following general hygiene considerations are recognized as common good industrial hygiene practices:
- Avoid contact with eyes.
 - Wash thoroughly after handling and before eating, drinking, or smoking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous green gel with granules.
Odor:	Sassafras odor.
Water Solubility:	100%, except for pumice.
Specific Gravity:	1.00
pH:	5.8
Density:	1.01 ± 0.03 g/cm ³
Boiling Point:	100°C (216°F)
Volatile Organic Compounds (VOCs): Per CARB Method 310, VOC's are 4.9%.	

Section 10: STABILITY AND REACTIVITY

- Stability:** Stable.
- Materials to Avoid:** None known.
- Hazardous Decomposition Products:** None expected.

Section 11: TOXICOLOGICAL INFORMATION

Toxicology information is based on chemical profile of ingredients and extrapolation of data from similar formulas.

- Acute Toxicity:** Oral LD₅₀ (rat) >5 g/kg body weight* *Calculation from OECD series on testing and assessment number 33, Chapter 3.2
 Dermal LD₅₀ (rabbit) >2 g/kg body weight
- Eye Irritation:** Moderate / Mild reversible eye irritation may occur based on relevant laboratory studies. This potential is reduced by immediate rinsing of eyes in case of eye contact.
- Dermal Irritation:** Mild, reversible skin irritation may occur based on relevant laboratory studies. A 6-hour exposure to human skin under a patch did not produce irritation
- Repeat Exposure Via Skin Contact:** Based on relevant laboratory studies, no toxic effects are expected to be associated with daily skin exposures (with up to 2 g/kg/day tested for 13 weeks on rabbits). Skin irritation may, however, occur with repeated or prolonged exposures.
- Reproductive Effects Assessment:** Based on Relevant laboratory studies (CD-1 mouse 18-week fertility assessment continuous breeding), no adverse effects on reproduction, fertility, or health of offspring are expected.

Section 12: ECOLOGICAL INFORMATION

None Available.

Section 13: DISPOSAL CONSIDERATIONS

Simple Green® Hand Cleaner Gel is water soluble and biodegradable and will not harm sewage-treatment microorganisms if disposal by sewer or drain is necessary. Dispose of in accordance with all applicable local, state and federal laws.

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

This product is non-hazardous for transport according to the U.S. Department of Transportation Services
UN Number: Not required Dangerous Goods Class: Non-hazardous

Section 15: REGULATORY INFORMATION

SARA: This material contains 2-Butoxyethanol, < 3.5%, (CAS# 111-76-2) which is subject to the reporting requirements of Section 313 of SARA Title III and 49 CFR Part 373.

All components are listed on: EINECS and TSCA Inventory

No components listed under: Clean Air Act Section 112

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

TSCA TRI Reporting: Not required / Not listed CA PROP. 65 Status: No components listed

Section 16: OTHER INFORMATION

Questions about the information found on this MSDS should be directed to:
SUNSHINE MAKERS, INC. – TECHNICAL DEPARTMENT
15922 Pacific Coast Hwy. Huntington Harbour, CA 92649
Phone: 800/228-0709 [8am-5pm Pacific time, Mon-Fri] *Fax:* 562/592-3830 *Email:* infoweb@simplegreen.com

CAGE CODE 1Z575

GSA/FSS - CONTRACT NO. GS-07F-0065J

National Stock Numbers:

Part Number	NSN	SIZE
42675	8520-01-370-4284	6.75 oz tube (12/cs)
42128	8520-01-370-2162	1 Gal. Pump Bottle (4/cs)

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.