

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Surface Prep Ready-To-Use Cleaner
Additional Names: Simple Green® Paint Prep & Clean Up Hard Surface Cleaner
Simple Green® Paint Prep Cleaner Ready-To-Use

Manufacturer's Product Code Numbers: 18501 = 32 oz. trigger-spray bottles 18502 = 1 gallon bottle refill

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

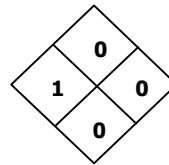
Use of Product Simple Green® Surface Prep is a ready-to-use product used which prepares a wall or surface by removing dirt, smoke, nicotine, grease, mold & mildew marks, wallpaper, paste and other soils prior to paint applications.

Section 2: HAZARDS IDENTIFICATION

NONHAZARDOUS

Emergency Overview: CAUTION. Mild eye irritant.

Simple Green® Surface Prep is a translucent liquid with a mild detergent odor. It is non-flammable, non-combustible, non-explosive, and non-reactive.



NFPA/HMIS Rating:

Health = 1 = slight

Fire, Reactivity, and Special = 0 = minimal

Eye Contact: Mild eye irritant.

Skin Contact: Non-toxic. No adverse effects expected under typical use conditions. Prolonged exposure to concentrate may cause dryness.

Ingestion: Essentially non-toxic. May cause stomach or intestinal upset if swallowed.

Inhalation: Non-toxic. No adverse effects expected under typical use conditions. Adequate ventilation should be present when using Simple Green® Surface Prep 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® Surface Prep.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

The only ingredient of Simple Green® Surface Prep Ready-To-Use Cleaner with established exposure limits is undiluted 2-butoxyethanol (<2%) (Butyl Cellosolve; CAS No. 111-76-2): the ACGIH TLV-TWA is 20 ppm (97 mg/m³). Based upon chemical analysis, Simple Green® Surface Prep & Clean Up Hard Surface Cleaner contains 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® Surface Prep & Clean Up Hard Surface Cleaner are listed on the TSCA Chemical Substance Inventory.

Section 4: FIRST AID MEASURES

- If in eyes: 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.
- If inhaled: Exposures to concentrate-mist may cause mild irritation of nasal passages or throat; remove to fresh air. Get medical attention if irritation persists.
- If on skin: Minimal effects, if any; rinse skin with water. Reversible reddening may occur in some dermal-sensitive users; thoroughly rinse area and get medical attention if reaction persists.
- If ingested: Drink plenty of water to dilute. Stomach or intestinal upset may occur due to deterative properties.

Section 5: FIRE FIGHTING MEASURES

Simple Green® Surface Prep is stable, non-explosive, not flammable, and will not burn.

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| Flash Point/Auto-Ignition: | Not flammable. | Extinguishing Media: | No special procedures required. |
| Flammability Limits: | Not flammable. | 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.

Procedure to follow in case of spill or leak: Evacuate area. Identify source of leak or spill and contain with sand, earth, or containment bin. Then proceed to clean up spill or leak.

Method for cleaning up: Recover all reusable material. Cover remaining spill with inert absorbent material to soak up spill. Dispose absorbent material as non-hazardous waste. Rinse area with plenty of water and mop to sanitary sewer.

Section 7: HANDLING AND STORAGE

No special handling is required. Avoid contact with eyes. Wash hands thoroughly after handling.
 Keep in a closed plastic or stainless steel container. Store at ambient temperature. Avoid excessive heat.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Limits: The Simple Green® Surface Prep 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 4.)
- Ventilation: No Special ventilation is required during use. Large scale uses indoors should provide an increased rate of air exchange.
- Eye contact: Access to eye bath or water source is recommended in case of eye contact. Thoroughly wash hands after contact to prevent hand to eye transference.
- Eye protection: Wear chemical splash goggles or face shield when eye contact is possible due to splashing or spraying Simple Green® Surface Prep.
- Skin protection: Gloves or other skin protection are generally not needed under normal use conditions of Simple Green® Surface Prep. Prolonged soaking in the product, repeated skin exposure over long periods of time, pre-existing skin conditions such as dermatitis, or allergic response to contact with the product may warrant the use of gloves, barrier creams, chemical aprons or other skin protection.
- 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 breathing vapor or mist.
 - Avoid contact with eyes.
 - Wash thoroughly after handling and before eating, drinking, or smoking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Translucent Liquid	Vapor Pressure:	17 mm Hg @ 20°C; 22 mm Hg @ 25°C
Odor:	Light Peppermint Fragrance	Vapor Density:	1.3 (air = 1)
Specific Gravity:	1.011 ± 0.015	Density:	8.5 lbs/gal. // 1.024 gm/L
pH:	8.9 ± 0.2	Water Content:	> 70%
Boiling Point:	98°C (209°F)	Water Solubility:	100%
Freezing Point:	-9°C (16°F)	Evaporation:	0.4 (butyl acetate = 1)
Ash Content:	At 600F = 1.8% by weight	VOC Composite Partial Pressure:	0.006 mm Hg @ 20°C
Volatile Organic Compounds (VOCs):		Cleaner meets CARB, BAAQMD & SCAQMD regulations.	
CARB Method 310		1.1%	

Section 10: STABILITY AND REACTIVITY

Non-reactive. Simple Green® Surface Prep is stable, even under fire conditions, and will not react with water or oxidizers. Hazardous polymerization will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Toxicology information is based on chemical profile of ingredients and extrapolation of data from similar formulas. No animal testing has been conducted on this product.

Acute Toxicity:	Oral LD ₅₀ (rat)	>5 g/kg body weight*	*Calculation from OECD series on testing and assessment number 33, Chapter 3.2
	Dermal LD ₅₀ (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

Hazard to wild animals & aquatic organisms: Low, based on toxicological profile.

Biodegradability: Readily biodegradable based on biodegradation profile.

Section 13: DISPOSAL CONSIDERATIONS

Appropriate Method for Disposal of Simple Green® Surface Prep:

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.

Material Safety Data Sheet: **SIMPLE GREEN® SURFACE PREP READY-TO-USE CLEANER**

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ANSI-Z400.1-2003 Format

Section 14: TRANSPORT INFORMATION

IATA Proper Shipping Name: Detergent solution

UN Number: Not Required

Hazard/Dangerous Goods Class: Nonhazardous

Section 15: REGULATORY INFORMATION

All components are listed on: EINECS and TSCA Inventory

No components listed under: Clean Air Act Section 112

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

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

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