Simple Green® All-Purpose Cleaner Material Safety Data Sheet:

Simple Green® Scrubbing Pad

Version No. 1300508A Date of Issue: March 2008 ANSI-Z400.1-2003 Format

Section 12: ECOLOGICAL INFORMATION

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

Biodegradability: Readily biodegradable based on biodegradation profile,

PRO/FT CBT-AC 014-7 "Ready Biodegradability: Closed Bottle Test" OECD, and OECD 302B laboratory tests

Environmental Toxicity Information: It is important not to allow the runoff from cleaning into closed systems such as decorative ponds. Always protect closed systems with tarps or dikes if necessary.

Section 13: DISPOSAL CONSIDERATIONS

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

*Reportable components:

EINECS and TSCA Inventory All components are listed on: No components listed under: Clean Air Act Section 112

This material contains 2-Butoxyethanol, < 4%, (CAS# 111-76-2) which is subject to the reporting SARA:

requirements of Section 313 of SARA Title III and 49 CFR Part 373.

Not a hazardous waste. **CERCLA Status:** RCRA 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

Fax: 562/592-3830 Phone: 800/228-0709 [8am-5pm Pacific time, Mon-Fri] infoweb@simplegreen.com

National Stock Numbers & Industrial Part Numbers

Simple Green

Scrubbing Pad

Part Number	NSN	Size	
13012	7930-01-342-5315	24 oz spray (12/case)	
13005	7930-01-306-8369	1 Gallon (6/case)	
13006	7930-01-342-5316	5 Gallon	
13016	7930-01-342-5317	15 Gallon	
13008	7930-01-342-4145	55 Gallon	
Part Number	NSN	Size	
10224	7930-01-346-9148	Each (24/case)	

Retail Numbers:

Part Number	Size	
13002	16 oz Trigger (12/case)	
13005	1 Gallon (6/case)	
13013	24 oz Trigger (12/case)	
13014	67 oz / 2 L (6/case)	
13033	32 oz Trigger (12/case)	

* part number is for both industrial and retail

**International Part Numbers May Differ.

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.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION – continued

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.

PHYSICAL AND CHEMICAL PROPERTIES Section 9:

Appearance & Ode	or: Cleaner is a dark green liquid, p	ad is a fibrous green n	natrix; both exhibit a sassafras odor.
Specific Gravity:	1.010 ± 0.010	Vapor Pressure:	18 mm Hg @ 20°C; 23.5 mmHg @ 26°C
Evaporation:	>1 (butyl acetate = 1)	Vapor Density:	1.3 (air = 1)
Water Solubility:	100%	Density:	8.5 lbs/gallon
Boiling Point:	100.6°C (212°F)	pH:	9.5 ± 0.3
Ash Content:	At 600°F: 1.86% by weight	Nutrient Content:	
Freezing Point: Approx -9 °C (16 °F) If product freezes, it will reconstitute without loss of efficacy when brought back to room temperature and agitated.		Phosphorus: 0.3% by formula Nitrogen <1.0% by weight (fusion and qualitative test for ammonia) Sulfur: 0.6% by weight (barium chloride precipitation method)	
VOC Composite P	artial Pressure: 0.006 mmHg @ 20	0°C	

Volatile Organic Compounds (VOCs): Cleaner meets CARB & BAAQMD regulations. Cleaner must be diluted 1:1 CARB Method 310 3.8% with water to Meet SCAQMD Rule 1171 & Rule 1122 VOC requirements for solvent cleaning operations. [Scrubber VOCs = 3.3% prior to dilution w/water] SCAQMD Method 313 2.8%

Section 10: STABILITY AND REACTIVITY

Stable Stability: 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.

Calculation from OECD series on testing and >5 g/kg body weight Acute Toxicity: Oral LD50 (rat) 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 Based on relevant laboratory studies, no toxic effects are expected to be associated with daily skin Via Skin Contact:

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 Based on relevant laboratory studies (CD-1 mouse 18-week fertility assessment continuous

Effects Assessment: breeding), no adverse effects on reproduction, fertility, or health of offspring are expected.

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Section 1: PRODUCT & COMPANY IDENTIFICATION

Simple Green® All-Purpose Cleaner Product Name:

Simple Green® Scrubbing Pad
Simple Green® Concentrated Cleaner/Degreaser/Deodorizer Additional Name:

Manufacturer's Product Code Numbers: *Please refer to page 4

Company: Sunshine Makers, Inc.

15922 Pacific Coast Highway

Huntington Harbour, CA 92649 USA

800-228-0709 • 562-795-6000 562-592-3830 Telephone: Fax: Chem-Tel 24-Hour Emergency Service: 800-255-3924 Emergency Phone:

Use of Product: An all purpose cleaner and degreaser used diluted in water for direct, spray and dip tank procedures.

Scrubbing pad is used with water for manual scrubbing applications. Both are for cleaning water-safe

surfaces.

HAZARDS IDENTIFICATION Section 2:

Emergency Overview: CAUTION. Mild eye irritant.

Simple Green is a dark green liquid with a sassafras odor. Scrubbing Pad is a green fibrous rectangle.



HMIS Rating:

Health = 1 = slight

Fire = 0

Reactivity, and Special = 0 = minimal

Eye Contact: Mild Eye Irritant.

No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Under Skin Contact:

this condition, use of gloves or skin moisturizer after washing may be indicated.

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

Inhalation: No adverse effects expected under typical use conditions. Adequate ventilation should be present when

using Simple Green® 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. 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® with established exposure limits is undiluted 2-butoxyethanol (<4%) (Butyl Cellosolve; CAS No. 111-76-2) [1% for Scrubbing Pad]: the ACGIH TLV-TWA is 20 ppm (97 mg/m³). Based upon chemical analysis, Simple Green 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® are listed on the TSCA Chemical Substance Inventory.