

# Material Safety Data Sheet: Simple Green® All-Purpose Cleaner and Simple Green® Scrubbing Pad

Version No. 13005-12B Date of Issue: February 2012

ANSI-Z400.1-2003 Format

## Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® All-Purpose Cleaner  
Additional Names: Simple Green® Concentrated Cleaner Degreaser Deodorizer  
Simple Green® Scrubbing Pad (Fluid in pad only)

Manufacturer's Part Number: *\*Please refer to page 4*

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

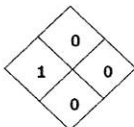
Telephone: 800-228-0709 • 562-795-6000

Fax: 562-592-3830

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

## Section 2: HAZARDS IDENTIFICATION

**Emergency Overview:** CAUTION. Irritant. This is a Green colored liquid with a sassafras added odor. Scrubbing pad is a green fibrous rectangle infused with Simple Green Cleaner.



### NFPA/HMIS Rating:

Health = 1 = slight

Fire, Reactivity, and Special = 0 = minimal

### Potential Health Effects

**Eye Contact:** Mildly irritating.

**Skin Contact:** No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Chemically sensitive individuals may experience mild irritation.

**Ingestion:** May cause stomach or intestinal irritation if swallowed.

**Inhalation:** No adverse effects expected under typical use conditions. Adequate ventilation should be present for prolonged usage in small enclosed areas.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredient</u>            | <u>CAS Number</u>   | <u>Percent Range</u> |
|------------------------------|---------------------|----------------------|
| Water                        | 7732-18-5           | ≥ 78%                |
| 2-butoxyethanol              | 111-76-2            | ≤ 5%                 |
| Ethoxylated Alcohol          | 68439-46-3          | ≤ 5%                 |
| Tetrapotassium Pyrophosphate | 7320-34-5           | ≤ 5%                 |
| Sodium Citrate               | 68-04-2             | ≤ 5%                 |
| Fragrance                    | Proprietary Mixture | ≤ 1%                 |
| Colorant                     | Proprietary Mixture | ≤ 1%                 |

## Section 4: FIRST AID MEASURES

**If Inhaled:** If adverse effect occurs, move to fresh air.

**If on skin:** If adverse effect occurs, rinse skin with water.

**If in eyes:** Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes. If irritation persists seek medical attention.

**If ingested:** Drink plenty of water to dilute.

**Section 5: FIRE FIGHTING MEASURES**

This formula is stable, non-flammable, and will not burn. No special procedures necessary

**Flammability:** Non-flammable

**Flash Point:** Non-flammable

**Suitable Extinguishing Media:** Use Dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**Extinguishing Media to Avoid:** High volume jet water.

**Special Exposure Hazards:** In event of fire created carbon oxides, oxides of phosphorus may be formed.

**Special Protective Equipment:** Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** See section 8 – personal protection.

**Environmental Precautions:** Do not allow into open waterways and ground water systems.

**Method for Clean Up:** Dilute with water and rinse into sanitary sewer system or soak up with inert absorbent material.

**Section 7: HANDLING AND STORAGE**

**Handling:** Keep container tightly closed. Ensure adequate ventilation. Keep out of reach of children.

**Storage:** Keep in cool dry area.

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

**Exposure Limit Values:**

|                              |                                     |                                |
|------------------------------|-------------------------------------|--------------------------------|
|                              | OSHA PEL                            | ACGIH TLV                      |
| 2-butoxyethanol              | TWA 50 ppm (240 mg/m <sup>3</sup> ) | 20 ppm (97 mg/m <sup>3</sup> ) |
| Tetrapotassium Pyrophosphate |                                     | 5 mg/m <sup>3</sup>            |

**Exposure Controls:**

**Eye Contact:** Use protective glasses if splashing or spray-back is likely.

**Respiratory:** Use in well ventilated areas.

**Skin Contact:** Prolonged exposure or dermal sensitive individuals should use protective gloves.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                          |                      |                                        |                                |      |
|--------------------------|----------------------|----------------------------------------|--------------------------------|------|
| <b>Appearance:</b>       | Green Liquid         | <b>Vapor Pressure:</b>                 | 18 mmHg @20°C; 23.5 mmHg @26°C |      |
| <b>Odor:</b>             | Added Sassafras odor | <b>Density:</b>                        | 8.5 lb/gal;                    |      |
| <b>Specific Gravity:</b> | 1.010 ± 0.010        | <b>Water Solubility:</b>               | 100%                           |      |
| <b>pH:</b>               | 9.5 ± 0.5            | <b>VOC composite Partial Pressure:</b> | TBD                            |      |
| <b>Boiling Point:</b>    | ~210°F (98 °C)       | <b>VOC:</b>                            | CARB Method 310                | 3.8% |
| <b>Freezing Point:</b>   | ~ 32°F (0 °C)        |                                        | SCAQMD Method 313              | 2.8% |
| <b>Nutrient Content:</b> | Phosphorous: 0.28%   | Sulfur: ~180 ppm                       |                                |      |
|                          | Chloride: ~110 ppm   | Fluorine: ~90 ppm                      |                                |      |

## Section 10: STABILITY AND REACTIVITY

Stability: Stable  
 Materials to Avoid: None known  
 Hazardous Decomposition Products: Normal products of combustion - CO, CO<sub>2</sub>; Oxides of Phosphorous may occur.

## Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD<sub>50</sub> (rat) > 5 g/kg body weight  
 Dermal LD<sub>50</sub> (rabbit) > 5 g/kg body weight  
 Toxicity calculated from ingredients using OECD SERIES ON TESTING AND ASSESSMENT Number 33

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

## Section 12: ECOLOGICAL INFORMATION

Hazard to wild mammals: Low, based on toxicology profile  
 Hazard to avian species: Low, based on toxicology profile  
 Hazard to aquatic organisms: Low, based on toxicology profile  
 Chemical Fate Information: Readily Biodegradable per OECD 301D, Closed Bottle Test

## Section 13: DISPOSAL CONSIDERATIONS

Appropriate Method for Disposal:

Unused Product: \*Dilute with water to use concentration and dispose by sanitary sewer.  
 Used Product: \*This product can enter into clarifiers and oil/water separators. 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.

## Section 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT) / Canadian TDG: Not Regulated

IMO / IDMG: Not classified as Dangerous

ICAO/ IATA: Not classified as Dangerous

ADR/RID: Not classified as Dangerous

|               |               |                       |                    |
|---------------|---------------|-----------------------|--------------------|
| U.N. Number   | Not Required  | Proper Shipping Name: | Detergent Solution |
| Hazard Class: | Non-Hazardous | Marine Pollutant:     | No                 |

**Section 15: REGULATORY INFORMATION**

All components are listed on: EINECS, TSCA, DSL and AICS Inventory.

No components listed under: Clean Air Act Section 112; Clean Water Act 307 &amp; 311

SARA Title III 2-butoxyethanol is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 as Category N230 – Certain Glycol Ethers.

RCRA Status: Not a hazardous wasteCERCLA Status:

No components listed

State Right To Know Lists

2-butoxyethanol

Illinois, Massachusetts, New Jersey, Pennsylvania, Rhode Island

**WHMIS Classification** – Category D, subcategory 2B, eye irritant

Name Toxic Substances List – Schedule 1 – CEPA  
(Canadian Environmental Protection Act)

NPRI Inventory

2-butoxyethanol

Yes

No

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by Canada's Controlled Products Regulation.

**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 Beach, 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

Scrubbing Pad GSA/BPA - CONTRACT NO. GS-07F-BSIMP

National Stock Numbers &amp; Industrial Part Numbers:

| Simple Green  | 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                       |
|               | 13103       | N/A              | 2oz samples                     |
|               | 13225       | N/A              | 2.5 Gallon                      |
|               | 13275       | N/A              | 275 Gallon tote                 |
|               | 48049       | N/A              | 1 Gallon Conc. w/ 32oz dilution |
| Scrubbing Pad | 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)              |
| 80007       | Tier display holding 13005 (36/Tier) |

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.