

# MATERIAL SAFETY DATA SHEET: SIMPLE GREEN® CAR WASH

## I. PRODUCT & COMPANY INFORMATION

**PRODUCT NAME:** SIMPLE GREEN® CAR WASH

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**COMPANY NAME:** SUNSHINE MAKERS, INC.  
15922 Pacific Coast Highway  
Huntington Harbour, CA 92649 USA  
Telephone: 800-228-0709 • 562-795-6000  
Fax: 562-592-3034  
Website: www.simplegreen.com

For 24-hour emergency, call Chem-Tel, Inc.: 800-255-3924

**USE OF PRODUCT:** Exterior vehicle wash. Simple Green Car Wash is a concentrated, thick liquid product meant to be diluted with water according to label instructions for general consumer and commercial auto care.

## II. INGREDIENT INFORMATION

Based upon chemical analysis, Simple Green Car Wash contains no known EPA priority pollutants, heavy metals, or chemicals listed under RCRA, CERCLA, or CWA.

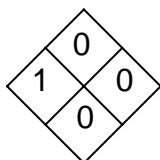
All components of Simple Green Car Wash are listed on the TSCA Chemical Substance Inventory.

## III. HAZARDS IDENTIFICATION

UN Number: Not required  
Dangerous Goods Class: Nonhazardous

Hazard Rating (NFPA/HMIS)

Health = 1\*      Reactivity = 0  
Fire = 0          Special = 0



Rating Scale

0 = minimal      1 = slight  
2 = moderate     3 = serious  
4 = severe

\*Eye irritant, non-mutagenic and non-carcinogenic. **None of the ingredients in Simple Green Car Wash are regulated or listed as potential cancer agents by Federal OSHA, NTP, or IARC.**

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## IV. FIRST AID MEASURES

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### **SYMPTOMS OF OVEREXPOSURE AND FIRST AID TREATMENT**

- Eye contact:** Redness and excessive tearing may develop. Immediately rinse the eye with large quantities of low-pressure cool water; continue at least 10-15 minutes until the material has been removed; After 5 minutes of rinsing remove contact lenses, if present, and then continue rinsing. Lift upper and lower lids during rinsing. Get medical attention if irritation persists.
- Skin contact:** Minimal drying effects, if any; rinse skin with water, rinse shoes and launder clothing before reuse. Those with sensitive skin, eczema or psoriasis should wear gloves. Reversible reddening may occur in some dermal-sensitive users. Thoroughly rinse area with water and get medical attention if reaction persists.
- Swallowing:** Slightly-toxic. Give several glasses of water to dilute; do not induce vomiting. Do not give anything by mouth to an unconscious person. Detergent effects may cause nausea and diarrhea for a short period of time. If lingering stomach upset occurs, consult physician.
- Inhalation:** Exposures to misted product may cause irritation of nasal passages or throat; remove to fresh air. Get medical attention if irritation persists.
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## V. FIRE FIGHTING MEASURES

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Simple Green Car Wash is stable, not flammable, and will not burn.

- Flash Point/Auto-Ignition:** Not flammable.
- Flammability Limits:** Not flammable.
- Extinguishing Media:** Not flammable/nonexplosive. No special procedures required.
- Special Fire Fighting Procedures:** None required.
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## VI. ACCIDENTAL RELEASE MEASURES

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Recover usable material by convenient method; residual may be removed by wipe or wet mop. If necessary, small amounts of unrecoverable material may be washed to sanitary sewer drain with large quantities of water.

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## VII. HANDLING, STORAGE & TRANSPORT INFORMATION

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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 Car Wash requires no special labeling or placarding to meet U.S. Department of Transportation requirements.

UN Number: Not required

Dangerous Goods Class: Non-hazardous

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## VIII. EXPOSURE CONTROLS

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**Exposure Limits:** The Simple Green Car Wash formulation presents no health hazards to the user when used according to label directions for its intended purposes. Skin and eye irritation is possible (please see Eye contact and Skin contact in Section IV.).

**Inhalation:** No special controls are necessary.

**Eyes:** Simple Green Car Wash is a moderate eye irritant. Mucous membranes may become irritated by concentrate-mist.

**Skin:** Simple Green Car Wash is not likely to irritate the skin in the majority of users. Repeated daily application to the skin without rinsing, or continuous contact of Simple Green Car Wash on the skin may lead to temporary, but reversible, irritation.

**Medical Conditions Aggravated by Exposure:** No aggravation of existing medical conditions is expected. Dermally-sensitive users may react to skin contact by Simple Green Car Wash and should wear protective gloves.

**Human Health Effects or Risks from Exposure:** Adverse effects on human health are not expected from Simple Green Car Wash, when used according to label instructions and for intended purposes.

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## IX. PERSONAL PROTECTION

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Precautionary Measures:	No special requirements under normal use conditions.
<b>Eye Protection:</b>	<b>Caution, including reasonable eye protection, should always be used to avoid eye contact where splashing may occur.</b>
Skin Protection:	No special precautions required unless preexisting condition exists – then gloves are indicated. Rinse completely from skin after contact.
Respiratory Protection:	No special precautions required.
Work and Hygienic Practices:	No special requirements. <b>Wash or rinse hands before touching eyes or contact lenses.</b>

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## X. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance/odor:</b>	Translucent viscous apple-green liquid with an apple/fruit-blend fragrance.
<b>Specific Gravity:</b>	1.031 @ 25°C
<b>Viscosity:</b>	465 cTs @ 25°C
<b>pH of concentrate:</b>	8.5
<b>Evaporation:</b>	>1 (butyl acetate = 1)
<b>Boiling Point:</b>	100°C (212°F)
<b>Freezing Point:</b>	-0°C (32°F) Avoid freezing as efficacy is diminished with each freeze/thaw cycle.
<b>Volatile Organic Compounds (VOCs):</b>	Simple Green Car Wash meets all local, State and Federal VOC limitations. VOC content < 0.8%
<b>Water Solubility:</b>	Completely soluble in water.
<b>Phosphate Content:</b>	Phosphorus/Phosphates: 0.
<b>Detection:</b>	Simple Green Car Wash has a characteristic apple/fruity odor that is not indicative of any hazardous situation.

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## XI. STABILITY AND REACTIVITY INFORMATION

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Nonreactive. Simple Green Car Wash is stable, even under fire conditions, and will not react with water or oxidizers. Hazardous polymerization will not occur.

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## XII. TOXICOLOGICAL INFORMATION

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### Nonhuman Toxicity

**No animal testing has been done upon this product. Based upon toxicity profile of components, it is expected that this product meets or exceeds the following toxicity thresholds: Oral LD<sub>50</sub> >5.0 g/kg / Dermal LD<sub>50</sub> >2.0 g/kg**

**Eye Irritation:** Product is irritating to eyes due to presence of Sodium Cocoamide DEA. This ingredient is common among many shampoos, and is present in Simple Green Car Wash at less than 1.05% by weight. Therefore, eye irritation is expected with reversible tearing and reddening the only symptoms likely.

**Dermal Irritation:** Only mild but reversible irritation was found on human volunteer after 72 hours exposure to concentrate.

**Subchronic dermal effects:** No adverse effects, except reversible dermal irritation. This product is not a dermal sensitizer.

### Aquatic Toxicity

This product poses no significant risk to aquatic life when used and disposed of according to label directions.

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### XIII. BIODEGRADABILITY INFORMATION

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**Biodegradability:**

Simple Green Car Wash is biodegradable. In use dilution, this formula is readily decomposed by naturally occurring microorganisms. OECD 301B, Closed Bottle biodegradability test results are forthcoming. This product is expected to be classified as readily biodegradable.

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### XIV. DISPOSAL CONSIDERATIONS

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Simple Green Car Wash is fully water soluble and biodegradable and will not harm sewage-treatment microorganisms when disposed via sanitary sewer or drain. Dispose in accordance with all applicable local, state, and federal laws. .

**It is a violation of the Federal Clean Water Act to put anything into a storm sewer or open waterway (streams, rivers, lakes, oceans.)**

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### XV. OTHER INFORMATION

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Containers: Simple Green Car Wash residues can be completely removed by rinsing with water; the container may be reused for non-food, non-beverage storage. Container should be disposed in solid trash. Container meets California Integrated Waste Management's Rigid Plastic Packaging Container (RPPC) law.

**International Regulatory Information:**

All components of this product are found on the following lists,

Canada – DSL

Europe – EINICS

Japan – ENCS or METI

Australia – AICS

Contact Point: Sunshine Makers, Inc., Research and Development Division: 562-795-6000.

**\*\*\* NOTICE \*\*\***

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