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Section 1: IDENTIFICATION

Product Name: Simple Green® Car Wash

Additional Names:

Manufacturer's Part Number: *Please refer to Section 16

Recommended Use: Car Wash concentrate

Restrictions on Use: Applications not involving vehicle washing

Company: Sunshine Makers, Inc. Telephone: 800-228-0709 ● 562-795-6000 Mon – Fri, 8am – 5pm PST

15922 Pacific Coast Highway **Fax:** 562-592-3830

Huntington Beach, CA 92649 USA **Email:** <u>info@simplegreen.com</u>

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

Section 2: HAZARDS IDENTIFICATION

For containers 1 gallon or larger: This product is classified as hazardous (Eye Corrosive/Irritant - Category 2B) under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

OSHA HCS 2012 Label Elements

Signal Word: Warning Hazard Symbol(s)/Pictogram(s): None required

Hazard Statements:

H320 - Causes eye irritation.

Precautionary Statements:

P264 – Wash hands thoroughly after handling.

P305 + P351 + P338 – IF IN EYS: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

Hazards Not Otherwise Classified (HNOC): None Known

Other Information: None Known

For containers less than 1 gallon: This product has been classified and labeled in accordance with the CPSC Federal Hazardous Substances Act (16 CFR 1500).

CPSC FHSA

Emergency Overview: Caution! Irritant! May Irritate eyes. This is a green viscous liquid with an added fruity fragrance.

Refer to Section 4 and 11 for health hazard identification.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	CAS Number	Percent Range
Water	7732-18-5	> 87%*
Sodium Chloride	7647-14-5	< 10%*
Cocamidopropyl Betaine	61789-40-0	< 5%*
Sodium C14-16 Olefin Sulfonate	68439-57-6	< 5%*
Sodium Laureth Sulfate	9004-82-4	< 5%*
Cocamide MIPA	68333-83-4	< 1%*
Carnauba Wax	8015-86-9	< 1%*
Isothiazolinone	55965-84-9	< 1%*
Fragrance	Proprietary	< 1%*
Colorant	Proprietary	< 1%*

^{*}specific percentages of composition are being withheld as a trade secret

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Section 4: FIRST-AID MEASURES

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air. **Skin Contact:** Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact: Causes eye irritation. IF IN EYS: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: May cause upset stomach. Drink plenty of water to dilute. See section 11.

Most Important Symptoms/Effects, Acute and Delayed: None known.

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Treat symptomatically

Section 5: FIRE-FIGHTING MEASURES

Suitable & Unsuitable Extinguishing Media: Use Dry chemical, CO2, water spray or "alcohol" foam. Avoid high volume jet water.

Specific Hazards Arising from Chemical: In event of fire, fire created carbon oxides may be formed.

Special Protective Actions for Fire-Fighters: Wear positive pressure self-contained breathing apparatus; Wear full protective

clothing.

This product is non-flammable. See Section 9 for Physical Properties.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: For non-emergency and emergency personnel: See section 8 – personal protection. Avoid eye contact. Wear safety goggles.

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

Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for Safe Storage including Incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: No components listed with TWA or STEL values under OSHA or ACGIH.

Appropriate Engineering Controls: Showers, eyewash stations, ventilation systems

Individual Protection Measures / Personal Protective Equipment (PPE)

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

Respiratory: Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.

Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.

General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green Liquid Partition Coefficient: n-octanol/water: Not determined

Odor: Added chamomile odor Autoignition Temperature: Non-flammable

Odor Threshold: Not determined Decomposition Temperature: 109°F

pH: 7.0 – 8.5 **Viscosity:** 500-600 cps

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES - continued

Freezing Point: $0^{\circ}\text{C }(32^{\circ}\text{F})$ Specific Gravity: 1.02 - 1.04

Boiling Point & Range: 101°C (213.8°F) **VOCs:** **Water & fragrance exemption in calculation

Flash Point: > 212°F SCAQMD 304-91 / EPA 24: Not tested

Evaporation Rate: Not determined CARB Method 310**: 0.25 g/L 0.002 lb/gal 0.025%

Flammability (solid, gas): Not applicable SCAQMD Method 313: Not tested

Upper/Lower Flammability or Explosive Limits:Not applicableVOC Composite Partial Pressure:Not determinedVapor Pressure:Not determinedRelative Density:8.50 – 8.67 lb/galVapor Density:Not determinedSolubility:100% in water

Section 10: STABILITY AND REACTIVITY

Reactivity: Non-reactive.

Chemical Stability: Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Excessive heat or cold.

Incompatible Materials: Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.

Hazardous Decomposition Products: Normal products of combustion - CO, CO2.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation - Overexposure may cause headache.

Skin Contact - Not expected to cause irritation, repeated contact may cause dry skin.

Eye Contact - Causes eye irritation.

Ingestion - May cause upset stomach.

Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions. Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions. Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur. Interactive effects: Not known.

Numerical Measures of Toxicity

Acute Toxicity: Oral LD₅₀ (rat) > 5 g/kg body weight

Dermal LD₅₀ (rabbit) > 5 g/kg body weight

Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals

Skin Corrosion/Irritation: Non-irritant per Dermal Irritection® assay modeling. No animal testing performed. Eye Damage/Irritation: Irritant per Ocular Irritection® assay modeling. No animal testing performed.

Germ Cell Mutagenicity:

Carcinogenicity:

Reproductive Toxicity:

STOT-Single Exposure:

STOT-Repeated Exposure:

Aspiration Hazard:

Mixture does not classify under this category.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of

Classification and Labelling of Chemicals.

Aquatic: Not tested on finished formulation. **Terrestrial:** Not tested on finished formulation.

Persistence and Degradability: Readily biodegradable per OECD 301D, closed bottle test

Bioaccumulative Potential:No data available.Mobility in Soil:No data available.Other Adverse Effects:No data available.

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Section 13: DISPOSAL CONSIDERATIONS

Unused or Used Liquid: May be considered hazardous in your area depending on usage and tonnage of disposal – check with local, regional, and or national regulations for appropriate methods of disposal.

Empty Containers: Dispose of in accordance with local regulations.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

U.N. Proper Shipping Name: Cleaning Compound, Liquid NOI

Transport Hazard Class(es):Not applicableNMFC Number:48580-3Packing Group:Not applicableClass:55

Environmental Hazards: Marine Pollutant - NO

Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code): Unknown.

Special precautions which user needs to be aware of/comply with, in connection None known.

with transport or conveyance either within or outside their premises:

U.S. (DOT) / Canadian TDG: Not Regulated for shipping. ICAO/ IATA: Not classified as Hazardous IMO / IDMG: Not classified as Hazardous ADR/RID: Not classified as Hazardous

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA and DSL Inventory.

SARA Title III: Sections 311/312 Hazard Categories – Not applicable.

Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Not applicable.

Sections 302 - Not applicable.

<u>Clean Air Act (CAA):</u> Not applicable <u>Clean Water Act (CWA):</u> Not applicable

<u>State Right To Know Lists:</u> No ingredients listed <u>California Proposition 65:</u> No ingredients listed

Texas ESL:

Sodium C14-16 Olefin Sulfonate68439-57-660 μg/m³ long term600 μg/m³ short termSodium Chloride7647-14-5 $5 \mu g/m³ long term$ $50 \mu g/m³ short term$ Sodium Laureth Sulfate68585-34-2 $5 \mu g/m³ long term$ $50 \mu g/m³ short term$

Section 16: OTHER INFORMATION

<u>Size</u>	<u>Item Number</u>	<u>UPC</u>
2 oz.	0200000143212	043318432125
2 oz., 48 per case	0210004843212	043318432125
20 oz.	0200000143214	043318432149
20 oz., 6 per case	0210000643214	043318432149
67.6 oz.	0200000143210	043318432101
67.6 oz., 6 per case	0210000643210	043318432101
5 Gallon	0200000143230	043318432309
55 Gallon	0200000143255	043318432552

USA items listed only. Not all items listed. USA items may not be valid for international sale.

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Section 16: OTHER INFORMATION - continued

NFPA:

Health – Eye Irritant Stability – Stable Flammability – Non-flammable Special - None



Acronyms

NTP National Toxicology Program IARC International Agency for Research on Cancer
OSHA Occupational Safety and Health Administration CPSC Consumer Product Safety Commission
TSCA Toxic Substances Control Act DSL Domestic Substances List

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department. **This SDS has been revised in the following sections:** Revised SDS layout

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.