

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green d Pro 3®
 Additional Names: Simple Green d Pro 3® One-Step Germicidal Cleaner and Deodorant

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

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

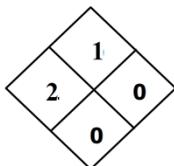
EPA Registration Number – 47371-37-56782

Canadian DIN Number – 02313030

Section 2: HAZARDS IDENTIFICATION

Emergency Overview: **WARNING. Keep out of Reach of Children. This is a Green colored liquid with a pine added odor.**

Routes of Exposure: Eye Contact, Skin Contact, Inhalation



NFPA/HMIS Rating:
 Health = 2 = moderate
 Fire = 1 = slight
 Reactivity and Special = 0 = minimal

Potential Health Effects

Eye Contact: Severe Irritant

Skin Contact: Severe Irritant

Medical Conditions Aggravated by Exposure: Not determined.

Target Organs: Not determined.

Ingestion: Severe Irritant and Harmful

Inhalation: Irritant

Environmental Effects: Not determined.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent by weight</u>
Water	7732-18-5	≥ 90.87%
Ethoxylated Alcohol Mixture	Proprietary	≤ 2%
Didecyl dimethyl ammonium chloride	7173-51-5	1.88%
n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride	68424-85-1	1.25%
Tetrasodium EDTA	64-02-8	≤ 1%
Ethanol	64-17-5	≤ 1%
Fragrance	Proprietary	≤ 1%
Colorant	Proprietary	≤ 1%

Section 4: FIRST AID MEASURES

If Inhaled: Remove from area to fresh air. Get immediate medical attention. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen if available.

If on skin: Wash with plenty of running water and soap if available for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Wash clothing and decontaminate shoes before reuse.

If in eyes: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get immediate medical attention.

If ingested: If swallowed, immediately give 3-4 glasses of milk (in unavailable, give water.) Do not induce vomiting. If vomiting does occur, give fluids again. Get immediate medical attention. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to an unconscious or convulsing person. Note to Physician: Possible mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	> 200°F	Auto Ignition Temperature:	Not Known
Lower Explosion Limit:	Not known	Upper Explosion Limit:	Not Known
Suitable Extinguishing Media:	Use Dry chemical, CO2, water spray or "alcohol" foam.		
Extinguishing Media to Avoid:	High volume jet water.		
Products of Combustion:	Ammonia, Nitrogen Chloride, Nitrogen Oxides		
Special Protective Equipment:	Must wear NIOSH/MSHA approved self-containing breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.		

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: CAUTION! Irritant liquid. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mists or vapors of unknown concentrations may be generated. Self-contained breathing apparatus may be necessary for very large spills.

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

Method for Containment: Remove all persons from spill area. Dike and contain spill with inert material (sand, earth, clay, etc.).

Method for Clean Up: Transfer the liquid and solid separately to containers for recovery or disposal.

Section 7: HANDLING AND STORAGE

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

Storage: Maximum Storage Temperature is 140°F. Do not contaminate drinking water, food or feed by storage or disposal.

PESTICIDE STORAGE: Open dumping is prohibited. Store in original container in areas inaccessible to children.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values:		OSHA PEL	ACGIH TLV
	Ethanol	1000 ppm PEL; 1900 mg/m3 PEL	

Effects of Overexposure: No health effects information available for human exposure. Based on the available animal toxicity information for similar materials, it is anticipated that direct contact with this concentrate may possibly produce severe eye or skin irritation. Prolonged exposures may cause chemical burns with possible irreversible damage. Ingestion may cause burning pain in the mouth, throat and abdomen; swelling of the larynx; circulatory shock and/or convulsions. Mists or vapors of this concentrate may cause irritation of mucous membranes.

Exposure Controls:

Engineering:	In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.
Eye Contact:	Where chemical splash goggles where there is potential for eye contact. Use safety glasses with side shields when there is no potential for eye contact.
Respiratory:	When necessary, NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.
Skin Contact:	Rubber or neoprene, to prevent skin contact with concentrate.
Other	Eye wash; safety shower; protective clothing (long sleeves, coveralls, or other, as appropriate), when needed to prevent skin contact.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green	Odor:	Added Pine odor
Physical State:	Liquid	Odor Threshold:	Not available
Boiling Point:	Not determined	Flash Point:	> 200°F
Freezing Point:	Not determined	Flammability:	Flammable
Specific Gravity:	0.995 – 1.006	Autoignition Temperature:	Not available
Evaporation Rate:	Not determined	Decomposition Temperature:	Not determined
Vapor Pressure:	Not determined	Density:	8.29 - 8.39 lb/gal
Vapor Density:	Not determined	Water Solubility:	100% soluble
pH:	10.00 – 12.00	Partial Coefficient:	Not determined
VOCs:	CARB Method 310 0.45%	VOC Composite Partial Pressure:	Not determined
Nutrient Content:	Not determined		

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).
Reactivity:	Reactive with oxidizers
Conditions to avoid:	High heat, prolonged direct sunlight
Incompatible Materials	Strong oxidizing or reducing agents. Do not mix with strong oxidizers (Hydrogen Peroxide, "bleach", Sodium Hypochlorite), acids, strong alkalines, disinfectants, antibacterials, antimicrobials, bathroom cleaners or any type of stain remover.
Hazardous Decomposition Products:	Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines, and other materials, and oxides of carbon and nitrogen.
Possibility of Hazardous Reactions	Possible with misuse.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Exposure: No expected concerns under typical use conditions. Improper use and overexposure can head to headache, nausea and severe irritation.

No toxicity information is available for this specific material. This toxicity information provided is for similar formulations.

Acute Toxicity: Oral LD₅₀ (rat) 1850 mg/kg
Dermal LD₅₀ (rabbit) 4430 mg/kg

** Eye irritation (Rabbit @ 1:64 dilution) Not an irritant

** Skin irritation (Rabbit @ 1:64 dilution) Not an irritant

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

Section 12: ECOLOGICAL INFORMATION

No Information Available

Section 13: DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable containers. Do not reuse or refill this container. Clean containers promptly after emptying. Triple rinse as follows: Fill containers ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

Section 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT) / Canadian TDG: Not Regulated
 IMO / IDMG: Not classified as Dangerous; Not regulated.
 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: TSCA, DSL and AICS Inventory.
No components listed under: Clean Air Act Section 112; Clean Water Act 307 & 311

SARA Title III No reportable ingredients
RCRA Status: Not a hazardous waste CERCLA Status : No components listed
State Right To Know Lists

CALIFORNIA – Proposition 65 – This material does not contain any component found by the State of California to be a cancer hazard.

MASSACHUSETTS – Ethanol

MICHIGAN – This material does not contain any components that are included in the Michigan Critical Materials List.

NEW JERSEY – No components are subject to the New Jersey Right to know act

PENNSYLVANIA – Ethanol

TEXAS ESL –

		50 µg/m3 (PM10) short term	5 µg/m3 (PM10) long term
Tetrasodium EDTA	64-02-8	1000 µg/m3 (vapor) short term	100 µg/m3 (vapor) long term
Ethanol	64-17-5	10000 ppb short term	1000 ppb long term
Didecyl dimethyl ammonium chloride	7173-51-5	18800 µg/m3 short term	1880 µg/m3 long term
n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride	68424-85-1	100 µg/m3 short term	10 µg/m3 long term

WHMIS Classification – Category D, subcategory 2B

Name	Toxic Substances List – Schedule 1 – CEPA (Canadian Environmental Protection Act)	NPRI Inventory
No	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

Manufacturer’s Part Number: 30332 & 3310001230332 - 32 oz. Bottle
 30301 & 3310000630301 - 1 gallon 30320 & 3310000430320 – 1 gallon
 30305 & 3300000130305 - 5 gallon 30355 & 3300000130355 - 55 gallon drum

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department.
This SDS has been revised in the following sections: Several sections reformatted, additional part numbers added.

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.