

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 Product Code Numbers: 30332: 32 oz. Bottle 30301: 1 Gallon Bottle
 30355: 55 Gallon Drum 30305: 5 Gallon Container

Company: Sunshine Makers, Inc.
 15922 Pacific Coast Highway
 Huntington Harbour, 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

Use of Product Concentrate that must be diluted prior to use. Used for cleaning, disinfecting and deodorizing hard non-porous surfaces. Read product label for complete usage information and directions.

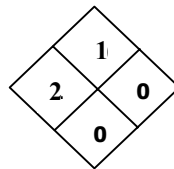
EPA Registration Number – 47371-37-56782

Canadian DIN Number – in registration process

****MSDS INFORMATION CONCERNS THE CONCENTRATE, NOT USE-SOLUTIONS UNLESS NOTED****

Section 2: HAZARDS IDENTIFICATION

Routes of Entry: Skin contact; Eye Contact; Inhalation



NFPA/HMIS Rating:
 Health = 2 = moderate
 Flammability = 1 = slight
 Reactivity = 0 = minimal

Please refer to section 4 for First Aid Procedures.

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

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient	CAS Number	Approx. Weight %	TWA/TLV
FMB 1210-8 (80%) To Provide:			
Didecyl dimethyl ammonium chloride	7173-51-5	1.9	None Established
N-Alkyl (C ₁₂₋₁₆) dimethyl benzyl ammonium chloride	8001-54-5	1.2	None Established

This product does not contain nonylphenol ethoxylate.

Section 4: FIRST AID MEASURES

This information applies to the concentrated product. Use-solutions present greatly diminished degrees of health effects.

- 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 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 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.
- 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.

Section 5: FIRE FIGHTING MEASURES**Flash Point:** > 200°F **Auto Ignition Temperature:** Not Known**Lower Explosion Limit:** Not Known **Upper Explosion Limit:** Not Known**Extinguishing Media:** Alcohol Foam; CO₂; Dry Chemical; Water**Special Fire Fighting Measures:** Must wear NIOSH/MSHA approved self-containing breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.**Unusual Fire and Explosion Hazards:** Products of combustion are toxic.**Section 6: ACCIDENTAL RELEASE MEASURES****Steps to be taken in case of spill or release of concentrate:** CAUTION! Irritant liquid. Remove all persons from spill area. 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. Dike and contain spill with inert material (sand, earth, clay, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.**Section 7: HANDLING AND STORAGE****Maximum Storage Temperature:** 140°F

Keep containers closed when not in use.

Do not contaminate drinking water, food or feed by storage or disposal.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**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.**Engineering Controls:** In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.**Respiratory Protection:** When necessary, NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.**Protective Gloves:** Rubber or neoprene, to prevent skin contact with concentrate.**Eye Protection:** 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.**Other Protective Equipment:** 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:	Clear Green Liquid	Odor:	Botanical herbal/pine fragrance
pH:	10 – 11	Percent Volatile by Weight:	95%
Specific Gravity:	1 (water = 1.0)	Solubility in Water:	soluble
VOCs:	Concentrated solution is 5.28% Per California ARB Method 310.		

Section 10: STABILITY AND REACTIVITY**Stability:** This product is stable.**Hazardous polymerization:** Will not occur.**Hazardous Decomposition Products:** Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines, and other materials, and oxides of carbon and nitrogen.**Materials to Avoid:** Strong oxidizing or reducing agents.

Section 11: TOXICOLOGICAL INFORMATION

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

Oral LD50 = 1850 mg/kg (rat)

Dermal LD50 = 4430 mg/kg (rabbit)

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

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

Section 12: ECOLOGICAL INFORMATION

No information available.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in compliance with all Federal, state and local laws, and regulations. Incineration is the preferred method.

Container Disposal: Triple Rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Section 14: TRANSPORT INFORMATION

DOT Hazard Classification: Non-Hazardous

DOT Shipping Name: Not regulated

DOT Label: None

CAS No.: Mixture

Not regulated for transport purposes. No special precautions required. This product is non-hazardous for storage and transport according to the U.S. Department of Transportation Regulations. This material does not meet the definition of a hazardous material according to 49 CFR, ICAO, IMDG and the UN Orange Book. IMO does not classify this product as a Marine Pollutant. This product is classified as "NOT REGULATED" per IMO standards.

Section 15: REGULATORY INFORMATION

State Right-To-Know Regulations:

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

MASSACHUSETTS – This material does not contain any components that are included in the Massachusetts Substance List that are present at or above reportable levels.

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

NEW JERSEY – Right-To-Know – The following components of this material are included in the New Jersey Hazardous Substance List and are present at or above reportable levels:

Didecyl dimethyl ammonium chloride	CAS # 7173-51-5	Typical Max. Concentration: 1.9%
N-Alkyl (C12-16) dimethyl benzyl ammonium chloride	CAS # 8001-54-5	Typical Max. Concentration: 1.2%

PENNSYLVANIA – This material does not contain any components that are included in the Pennsylvania Hazardous Substance List that are present at or above reportable levels.

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

Phone: 800/228-0709 [8am-5pm Pacific time, Mon-Fri]

Fax: 562/592-3830

Email: infoweb@simplegreen.com

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