

**Safety Data Sheet:** Simple Green® d Pro 5 Disinfectant – Cleaner – Sanitizer – Fungicide – Mildewstat – Virucide\* - Deodorizer

**WPS -** 1167395

**Issuing Date:** N.A.

**Revision Date:** 13-Oct-2015

**Revision Number:** 2

*In accordance with OSHA HCS-2012 / GHS*

## Section 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### PRODUCT IDENTIFIER

**Product Name:** Simple Green® d Pro 5 Disinfectant – Cleaner – Sanitizer – Fungicide – Mildewstat – Virucide\* - Deodorizer

### OTHER MEANS OF IDENTIFICATION

**Synonyms:** None

### RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

**Recommended use:** Cleaning Supplies – Disinfectant & General Biocidal Product – Non-aerosol

**Uses advised against:** No information available

### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Supplier Name:** Sunshine Makers Inc.

**Supplier Address:** 15922 Pacific Coast Highway  
Huntington Beach  
CA  
92649  
US

**Supplier Phone Number:** Phone: 800-228-0709  
Fax: 562-592-3830  
Contact Phone: 562-795-6000

**Supplier Email:** info@simplegreen.com

**Supplier Phone Number:** Phone: 800-228-0709

### EMERGENCY TELEPHONE NUMBER

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

## Section 2: HAZARDS IDENTIFICATION

### CLASSIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Skin Corrosive / Irritant – Category 2**

**Eye Damage / Irritant – Category 1**

**Acute Toxicity Oral – Category 4**

**Acute Toxicity Dermal – Category 5**

### Emergency Overview

**Appearance:** Clear

**Physical State:** Liquid

**Odor:** None

**Hazard Statements:** H318 – Causes Serious Eye Damage  
H315 – Causes Skin Irritation.  
H302 – May be harmful if swallowed.

**Signal Word:** Danger

**Symbol:**



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**Precautionary Statements – Prevention:** P264 – Wash hands thoroughly after handling.  
P270 – Do not eat, drink or smoke when using this product.  
P280 – Wear protective gloves and eye protection.

**Precautionary Statements – Response:** P301 + P312 – IF SWALLOWED: Call a Poison Center or Doctor if you feel unwell.  
P330 – Rinse Mouth.  
P302 + P352 – IF ON SKIN: Wash with plenty of water.  
P332 + P313 – If skin irritation occurs: Get medical advice/attention.  
P312 – Call a poison center if you feel unwell.  
P362 + P364 – Take off contaminated clothing and wash it before use.  
P310 – Immediately call a Poison Center/Doctor.  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Precautionary Statements – Storage:** None.

**Precautionary Statements – Disposal:** P501 – Dispose of contents/container in accordance with local, regional and national regulations.

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)** Not applicable

**UNKNOWN TOXICITY** The mixture does not consist of ingredient(s) of unknown toxicity.

**OTHER INFORMATION**

Not applicable

**INTERACTIONS WITH OTHER CHEMICALS**

Do not mix with acids, oxidizers or chlorine containing products.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight Percent</u>	<u>Trade Secret</u>
Quaternary ammonium compound mixture	107028-70-6	1 – 7	*
Alcohols, C12-15, ethoxylated	68131-39-5	1 - 5	*
Tetrasodium EDTA	64-02-8	1 - 5	*
Sodium metasilicate	6834-92-0	0.1 – 1	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret

**Section 4: FIRST-AID MEASURES**

**FIRST AID MEASURES**

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center/Doctor.

**Skin Contact:** IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. Immediately call a Poison Center/Doctor.

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**Ingestion:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Center/Doctor. 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.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Most Important Symptoms and Effects:** No information available

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

**Notes to physician:** Treat symptomatically.

**Section 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards arising from the Chemical:** No information available.

**Hazardous Combustion Products:** Carbon oxides.

**EXPLOSION DATA**

**Sensitivity to Mechanical Impact:** No

**Sensitivity to Static Discharge:** No.

**Protective equipment and precautions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Section 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**Personal Precautions:** Avoid contact with eyes and skin.

**ENVIRONMENTAL PRECAUTIONS**

**Environmental Precautions:** Do not allow into open waterways and ground water systems. Refer to protective measures listed in Sections 7 and 8.

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

**Method for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

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## Section 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and skin.

### PRECAUTIONS FOR SAFE HANDLING

**Storage:** Keep container tightly closed. Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Incompatible Products:** None known based on information supplied.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### CONTROL PARAMETERS

**Exposure Guidelines:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Ethanol	64-17-5	California, Connecticut, Idaho, Michigan, Minnesota, OSHA, New York, Oregon, Tennessee, Vermont, Washington	1000 ppm; 1900 mg/m <sup>3</sup> PEL/TWA 1250 ppm STEL; 1000 ppm TWA
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### APPROPRIATE ENGINEERING CONTROLS

**Engineering Measures:** Showers, Eyewash stations, Ventilation systems. In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

**Eye/Face Protection:** Goggles or eye protection required.

**Skin and Body Protection:** Rubber or neoprene gloves required.

**Respiratory Protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. When necessary, NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Odor:</b>	None
<b>Appearance:</b>	Clear	<b>Odor Threshold:</b>	Not established
<b>Color:</b>	Colorless		

<u>PROPERTY</u>	<u>VALUES</u>	<u>REMARKS/METHOD</u>
<b>pH:</b>	11.0 – 12.5	None Known
<b>Melting / freezing point:</b>	0°C	None Known

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<b>Boiling point / boiling range:</b>	101°C / 213°F	None Known
<b>Flash Point:</b>	No data available	None Known
<b>Evaporation Rate:</b>	No data available	None Known
<b>Flammability (solid, gas):</b>	> 213°F; 5001 °C; non-flammable; no flash point	None Known
<b>Upper Flammability Limit in Air:</b>	No data available	None Known
<b>Lower Flammability Limit in Air:</b>	No data available	None Known
<b>Vapor Pressure:</b>	No data available	None known
<b>Vapor Density:</b>	No data available	None known
<b>Specific Gravity:</b>	1.00 – 1.02	None known
<b>Water Solubility:</b>	Soluble in water	None known
<b>Solubility in other solvents:</b>	No data available	None known
<b>Partition coefficient: n-octanol/water:</b>	No data available	None known
<b>Autoignition temperature:</b>	No data available	None known
<b>Decomposition temperature:</b>	No data available	None known
<b>Kinematic viscosity:</b>	No data available	None known
<b>Dynamic viscosity:</b>	No data available	None known
<b>Explosive properties:</b>	No data available	None known
<b>Oxidizing properties:</b>	No data available	None known

**OTHER INFORMATION**

<b>Softening Point:</b>	No data available
<b>VOC Content (%):</b>	0.68%
<b>Particle Size:</b>	No data available
<b>Particle Size Distribution:</b>	No data available

**Section 10: STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	None known based on information supplied.
<b>Incompatible materials:</b>	Acids, oxidizers, and chlorinated products.
<b>Hazardous Decomposition Products:</b>	Carbon oxides.

**Section 11: TOXICOLOGICAL INFORMATION**

**INFORMATION ON LIKELY ROUTES OF EXPOSURE**

<b>Product Information:</b>	Product presents slight acute toxicity hazard based on known or supplied information.
<b>Inhalation:</b>	Specific test data for the substance or mixture is not available.

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**Eye Contact:** Classifies as an eye corrosive per GHS formula calculation.  
**Skin Contact:** Classifies as an irritant per negative Corrositex Dermal Testing results.  
**Ingestion:** Specific test data for the substance or mixture is not available.  
**Component Information:** None supplied.

**INFORMATION ON TOXICOLOGICAL EFFECTS**

**Symptoms:** No information available.

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE**

**Sensitization:** No information available.  
**Mutagenic Effects:** No information available.  
**Carcinogenicity:** Contains no ingredient listed as a carcinogen.  
**Reproductive Toxicity:** No information available.  
**STOT- single exposure:** No information available.  
**STOT- repeated exposure:** No information available.  
**Chronic Toxicity:** None Known.  
**Target Organ Effects:** No information available.

**NUMERICAL MEASURES OF TOXICITY**

The following values are calculated based on chapter 3.1 of the GHS document.

**ATEmix (oral):** 300 - 2000 mg/kg

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available.  
**Persistence and Degradability:** No information available.  
**Bioaccumulation:** No information available.  
**Other Adverse Effects:** No information available.

**Section 13: DISPOSAL CONSIDERATIONS**

**WASTE TREATMENT METHODS**

**Disposal Methods:**  
**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.

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**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.

**Contaminated packaging:** Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes:** 561  
**Connecticut Hazardous Waste Codes:** CR04  
**Michigan Hazardous Waste Codes:** 034L  
**Oregon Hazardous Waste Codes:** X001  
**Vermont Hazardous Waste Codes:** VT06  
**Washington Hazardous Waste Codes:** WP01 & WT02

**Section 14: TRANSPORT INFORMATION**

**DOT**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class:** N/A.

**TDG**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class:** N/A.

**MEX**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class:** N/A.

**ICAO**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class:** N/A.

**IATA**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class:** N/A.

**IMDG/IMO**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class:** N/A.

**RID**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class:** N/A.

**ADR**

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**Proper Shipping Name:** Not Regulated.

**Hazard Class:** N/A.

**ADN**

**Proper Shipping Name:** Not Regulated.

**Hazard Class:** N/A.

**Section 15: REGULATORY INFORMATION**

**INTERNATIONAL INVENTORIES**

**TSCA – United states Toxic Substances Control Act Section 8(b) Inventory:** Complies.

**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List:** All components are listed either on the DSL or NDSL.

**US FEDERAL REGULATIONS**

**Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)**

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS. DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective (rubber or chemical resistant) gloves and protective clothing. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling poison control center or doctor or going for treatment.

**EPA REGISTRATION NUMBER:** 6836-140-56782

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 HAZARD CATEGORIES:**

<b>Acute Health Hazard :</b>	Yes.
<b>Chronic Health Hazard:</b>	No.
<b>Fire Hazard:</b>	No.
<b>Sudden Release of Pressure Hazard:</b>	No.
<b>Reactive Hazard:</b>	No.

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**CWA (Clean Water Act):** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.40).

**CAA (Clean Air Act):** Ethanol 64-17-5  
**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US STATE REGULATIONS

**California Proposition 65:** This product contains Ethanol (64-17-5) which is considered a Prop 65 ingredient when found in alcoholic beverages.

#### US STATE RIGHT-TO-KNOW REGULATIONS

Ethanol 64-17-5 Massachusetts, New Jersey, Pennsylvania

### **Section 16: OTHER INFORMATION**

<b>NFPA:</b>	Health Hazards - 3	Flammability - 0	Instability - 0	Physical and Chemical Hazards - None
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<b>HMIS:</b>	Health Hazards - 3	Flammability - 0	Instability - 0	Physical and Chemical Hazards - X
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**Prepared / Revised By:** Sunshine Makers, Inc.  
15922 Pacific Coast Highway  
Huntington Beach, CA 92649  
1-800-228-0709

**Revision Date:** 13-Oct-2015

**Revision Note:** Reclassification for GHS per new testing results.

**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.