

Safety Data Sheet: Simple Green® Pro HD

WPS - 1098155

Issuing Date: No data available

Revision Date: 17-Apr-2015

Revision Number: 1

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® Pro HD

OTHER MEANS OF IDENTIFICATION

Synonyms: None

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

Recommended use: General Purpose Cleaner – 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)
EYE DAMAGE / IRRITANT – 2B

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Emergency Overview

Appearance: Purple

Physical State: Liquid

Odor: No added odor

Hazard Statements: H320 – Causes eye irritation.

Signal Word: Warning

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Symbol: None

Precautionary Statements – Prevention: Obtain special instructions before use.
P264 – Wash hands thoroughly after handling.

Precautionary Statements – Response: P305+P351+P338 – IF IN EYES: 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.

Precautionary Statements – Storage: None

Precautionary Statements – Disposal: None

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) Not applicable

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

OTHER INFORMATION

May cause slight eye irritation.

Prolonged or repeated contact may dry skin.

INTERACTIONS WITH OTHER CHEMICALS

No information available.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight Percent</u>	<u>Trade Secret</u>
Triethanolamine	102-71-6	5 - 10	*
Alcohols, C9-11, ethoxylated	68439-46-3	5 - 10	*
1-Butoxy-2-Propanol	5131-66-8	1 – 5	*
Potassium Pyrophosphate	7320-34-5	1 – 5	*
Potassium Silicate	1312-76-1	0.1 – 1	*
Diethanolamine	111-42-2	0.001 – 0.01	*

* 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. If eye irritation persists: Get medical advice/attention.

Skin Contact: Wash skin with soap and water. In the case of allergic reactions see a physician.

Inhalation: Remove to fresh air. If symptoms persist, call a physician.

Ingestion: Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

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

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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.

ENVIRONMENTAL PRECAUTIONS

Environmental Precautions: 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.

Section 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

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

PRECAUTIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep container tightly closed.

Incompatible Products: None known based on information supplied.

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*In accordance with OSHA HCS-2012 / GHS***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.

Triethanolamine	102-71-6	5 mg/m ³ PEL	
Diethanolamine	111-42-2	3 ppm TWA; 15 mg/m ³ TWA	Connecticut, Michigan, Minnesota, OSHA, Tennessee, Vermont, Washington
		0.46 ppm PEL; 2 mg/m ³ PEL	California
		6 ppm STEL	Washington

APPROPRIATE ENGINEERING CONTROLS

Engineering Measures: Showers, Eyewash stations, Ventilation systems

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: Goggles or eye protection recommended.

Skin and Body Protection: No special protective equipment 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.

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid	Odor:	No added Odor
Appearance:	Clear	Odor Threshold:	No information Available
Color:	Purple		

<u>PROPERTY</u>	<u>VALUES</u>	<u>REMARKS/METHOD</u>
pH:	9.5 – 11.0	None Known
Melting / freezing point:	0°C	None Known
Boiling point / boiling range:	100°C / 212°F	None Known
Flash Point:	5001°C / 9034°F; no flashpoint	None Known
Evaporation Rate:	No data available	None Known
Flammability (solid, gas):	No data available	None Known
Upper Flammability Limit in Air:	No data available	None Known
Lower Flammability Limit in Air:	No data available	None Known
Vapor Pressure:	No data available	None known
Vapor Density:	No data available	None known
Specific Gravity:	1.01 – 1.04	None known
Water Solubility:	Soluble in water	None known
Solubility in other solvents:	No data available	None known
Partition coefficient: n-octanol/water:	No data available	None known
Autoignition temperature:	No data available	None known

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Decomposition temperature:	No data available	None known
Kinematic viscosity:	No data available	None known
Dynamic viscosity:	No data available	None known
Explosive properties:	No data available	None known
Oxidizing properties:	No data available	None known

OTHER INFORMATION

Softening Point:	No data available
VOC Content (%):	2.0%
Particle Size:	No data available
Particle Size Distribution:	No data available

Section 10: STABILITY AND REACTIVITY

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

Section 11: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

Product Information:	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation:	Specific test data for the substance or mixture is not available.
Eye Contact:	Classifies as a mild irritant per Irritection™ Ocular Testing.
Skin Contact:	Classifies as a non-irritant per Irritection™ Dermal Testing.
Ingestion:	Specific test data for the substance or mixture is not available.
Component Information:	None supplied.

INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms:	No information available.
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DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

Sensitization:	No information available.
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Mutagenic Effects: No information available.

Carcinogenicity: May contain trace amounts of Diethanolamine (111-42-2) (<0.01%) which is an IARC 2B – Possibly carcinogenic to humans

Reproductive Toxicity: No information available.

STOT- single exposure: No information available.

STOT- repeated exposure: No information available.

Chronic Toxicity: No known effect based on information supplied.

Target Organ Effects: None known.

Aspiration Hazard: No information available.

NUMERICAL MEASURES OF TOXICITY

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

ATEmix (oral): 10,000 mg/kg

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Persistence and Degradability: Readily biodegradable per OECD 301D, Closed Bottle Test

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

Section 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

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

Washington Hazardous Waste Codes: WT02

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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

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

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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

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.

Diethanolamine 111-42-2

SARA 311/312 HAZARD CATEGORIES:
Acute Health Hazard : No.
Chronic Health Hazard: No.
Fire Hazard: No.
Sudden Release of Pressure Hazard: No.
Reactive Hazard: No.

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):
Triethanolamine 102-71-6 HON Rule – SOCM Chemicals Group 1
Diethanolamine 111-42-2 VOC/HAP
1-Butoxy-2-Propanol 5131-66-8 VOC/HAP

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

Diethanolamine 111-42-2

US STATE REGULATIONS

California Proposition 65: Diethanolamine 111-42-2

US STATE RIGHT-TO-KNOW REGULATIONS

Triethanolamine 102-71-6 Massachusetts, New Jersey, Pennsylvania
Diethanolamine 111-42-2 Illinois, Massachusetts, New Jersey, Pennsylvania, Rhode Island
1-Butoxy-2-Propanol 5131-66-8 Massachusetts, New Jersey, Pennsylvania

INTERNATIONAL REGULATIONS

Canada – WHMIS Hazard Class: D2B – eye irritant

Section 16: OTHER INFORMATION

NFPA:	Health Hazards - 1	Flammability - 0	Instability - 0	Physical and Chemical Hazards - None
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HMIS:	Health Hazards - 1	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: 17-Apr-2015

Revision Note: MSDS converted to OSHA HCS 2012 SDS

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.

End of Safety Data Sheet