

Safety Data Sheet: Crystal Simple Green® Industrial Cleaner & Degreaser**WPS -** 1097941**Issuing Date:** No data available**Revision Date:** 22-May-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:** Crystal Simple Green® Industrial Cleaner & Degreaser**OTHER MEANS OF IDENTIFICATION****Synonyms:** None**RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE****Recommended use:** Degreaser - General Purpose – 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**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)

Serious eye damage/eye irritation**Category 2B****GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS****Emergency Overview****Signal Word:** Warning**Hazard Statements:** Causes eye irritation.**Symbol:** Not Required

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Wash hands thoroughly after handling.**Precautionary Statements – Response:**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.**Precautionary Statements – Storage:** None**Precautionary Statements – Disposal:** None**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)** Not applicable**UNKNOWN TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity**OTHER INFORMATION**

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>
Alcohols, C9-11, ethoxylated	68439-46-3	1 – 5	*
Sodium Citrate	68-04-2	1 – 5	*
Sodium Carbonate	497-19-8	0.1 – 1	*
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	51981-21-6	0.1 – 1	*
Citric Acid	77-92-9	0.1 – 1	*

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

Section 4: FIRST-AID MEASURES**FIRST AID MEASURES****General Advice:** Show this safety data sheet to the doctor in attendance.**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.**Self-Protection of the first aider:** Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

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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.

Other Information: No other information.

ENVIRONMENTAL PRECAUTIONS

Environmental Precautions: Prevent entry into waterways, sewers, basements or confined areas.

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.

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CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight and extreme temperatures (hot or cold). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products: None known.

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.

Chemical Name	ACGIH TLV*	OSHA PEL*	NIOSH IDLH*

**Refer to section 16 for explanation of abbreviations*

Other Exposure Guidelines None.

APPROPRIATE ENGINEERING CONTROLS

Engineering Measures: Showers, Eyewash stations, Ventilation systems

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: If splashes are likely to occur: Tight sealing safety goggles.

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. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing is recommended.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Odor:	None
Appearance:	Clear	Odor Threshold:	No information available
Color:	Colorless		

<u>PROPERTY</u>	<u>VALUES</u>	<u>REMARKS/METHOD</u>
pH:	7.0 – 11.0	None Known
Melting / freezing point:	0°C	None Known
Boiling point / boiling range:	101°C / 212°F	None Known

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Flash Point:	None or no flash point	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:	1.00 – 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
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 (%):	0.4%
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:	Excessive heat or cold.
Incompatible materials:	Acids, oxidizers, and chlorinated products.
Hazardous Decomposition Products:	Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

Product Information:

Inhalation:	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye Contact:	Classifies as an Eye Irritant per Ocular Irritation™ testing.

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Skin Contact: Does not classify as a Dermal Irritant per Dermal Irritation™ testing.

Ingestion: Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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: Contains no ingredient listed as a reproductive toxin.

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): 20,000 mg/kg

Section 12: ECOLOGICAL INFORMATION

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

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

Section 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

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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

Chemical Name	California Hazardous Waste
Sodium Carbonate	Corrosive

Connecticut Hazardous Waste Codes: CR04

Michigan Hazardous Waste Codes: 034L

Washington Hazardous Waste Codes: WT02

Section 14: TRANSPORT INFORMATION

DOT

Proper Shipping Name: Not Regulated.

Hazard Class: N/A.

Description: N/A.

Emergency Number Code: N/A.

TDG

Proper Shipping Name: Not Regulated.

Hazard Class: N/A.

Description: N/A.

Emergency Number Code: N/A.

MEX

Proper Shipping Name: Not Regulated.

Hazard Class: N/A.

Description: N/A.

Emergency Number Code: N/A.

ICAO

Proper Shipping Name: Not Regulated.

Hazard Class: N/A.

Description: N/A.

Emergency Number Code: N/A.

IATA

Proper Shipping Name: Not Regulated.

Hazard Class: N/A.

Description: N/A.

Emergency Number Code: N/A.

IMDG/IMO

Proper Shipping Name: Not Regulated.

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Hazard Class: N/A.
Description: N/A.
Emergency Number Code: N/A.

RID

Proper Shipping Name: Not Regulated.
Hazard Class: N/A.
Description: N/A.
Emergency Number Code: N/A.

ADR

Proper Shipping Name: Not Regulated.
Hazard Class: N/A.
Description: N/A.
Emergency Number Code: N/A.

ADN

Proper Shipping Name: Not Regulated.
Hazard Class: N/A.
Description: N/A.
Emergency Number Code: 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

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:
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).

CERCLA: This material, as supplied does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQ	RQ

US STATE REGULATIONS

California Proposition 65: This product does not contain any Proposition 65 chemicals.

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<u>Chemical</u>	<u>New Jersey</u>	<u>Massachusetts</u>	<u>Pennsylvania</u>	<u>Rhode Island</u>	<u>Illinois</u>

US STATE RIGHT-TO-KNOW REGULATIONS

This product does not contain any substances regulated by state right-to-know regulations.

INTERNATIONAL REGULATIONS

Canada – WHMIS Hazard Class: D2B – Toxic Materials (Eye Irritation)



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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ABBREVIATIONS

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

NIOSH IDLH: The National Institute for Occupation Safety and Health – Immediately Dangerous to Life or Health

Prepared / Revised By: Sunshine Makers, Inc.
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Revision Note: OSHA HCS 2012 SDS created

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