

**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)

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

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Obtain special instructions before use.  
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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**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**

<b>Physical State:</b>	Liquid	<b>Odor:</b>	None
<b>Appearance:</b>	Clear	<b>Odor Threshold:</b>	No information available
<b>Color:</b>	Colorless		

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

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<b>Flash Point:</b>	None or no flash point	None Known
<b>Evaporation Rate:</b>	No data available	None Known
<b>Flammability (solid, gas):</b>	No data available	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 – 1.04	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>	0.4%
<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>	Excessive heat or cold.
<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****Product Information:**

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

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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:**

<b>Acute Health Hazard :</b>	No.
<b>Chronic Health Hazard:</b>	No.
<b>Fire Hazard:</b>	No.
<b>Sudden Release of Pressure Hazard:</b>	No.
<b>Reactive Hazard:</b>	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 REGUALTIONS****Canada – WHMIS Hazard Class:** D2B – Toxic Materials (Eye Irritation)**Section 16: OTHER INFORMATION**

<b>NFPA:</b>	Health Hazards - 1	Flammability - 0	Instability - 0	Physical and Chemical Hazards - None
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<b>HMIS:</b>	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.  
15922 Pacific Coast Highway  
Huntington Beach, CA 92649  
1-800-228-0709

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**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**