

SHEET 0065270

[Print](#)[Go Back](#)[All SDS](#)

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form:

Product Name: Foaming Crystal Simple Green♦ Industrial Cleaner & Degreaser

CAS No:

Synonyms:

1.2. Intended Use of the Product

Use of the substance/mixture: Cleaner & Degreaser for water tolerant surfaces.

1.3. Name, Address, and Telephone of the Responsible Party

Company

Sunshine Makers, Inc.

15922 Pacific Coast Highway

Huntington Beach, CA 92649 USA

Phone: 800-228-0709, 562-795-6000

Chat now



1.4. Emergency Telephone Number

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

number |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Aerosols | Category 3

Eye | Category 2B

Corrosive/Irri|

tant |

|

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) |None

Signal Word (GHS-US) |Warning

Hazard Statements (GHS-US) |H229 - Pressurized container: may burst if heated.

|H320 - Causes eye irritation.

Precautionary Statements |P210 - Keep away from heat/sparks/open flames/hot

(GHS-US) |surfaces. No smoking.

|P251 - Do not pierce or burn, even after use.

|P264 - Wash hands thoroughly after handling.

|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.
|P410 + P412 - Protect from sunlight. Do not expose
|to temperatures exceeding 50 Deg. C/122 Deg. F.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: None Known.

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Product identifier	%	Classification
			(GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture

Name	Product identifier	%	Classification
			(GHS-US)
Water	7732-18-5	> 82%*	
Ethoxylated Alcohol	68439-46-3	< 5%*	
Sodium Citrate	68-04-2	< 5%*	
Tetrasodium	51981-21-6	< 1%*	
N,N-bis(carboxymethyl)-L-glutama			
te			
Sodium Carbonate	497-19-8	< 1%*	
Citric Acid	77-92-9	< 1%*	
Butane	106-97-8	3.7%*	
Propane	74-98-6	1.3%*	

*specific percentages of composition are being withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General:

First-aid Measures After Inhalation: Not expected to cause respiratory irritation.

If adverse effect occurs, move to fresh air.

First-aid Measures After Skin Contact: Not expected to cause skin irritation. If

adverse effect occurs, rinse skin with water.

First-aid Measures After Eye Contact: Causes eye irritation. 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.

First-aid Measures After Ingestion: May cause upset stomach. Drink plenty of water

to dilute. See section 11.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: None known.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment
Needed

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use Dry chemical, CO₂, water spray or "alcohol"

foam. Avoid high volume jet water.

Unsuitable Extinguishing Media:

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: In event of fire, fire created carbon oxides may be formed.

Explosion Hazard:

Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions:

Protection During Firefighting: Wear positive pressure self-contained breathing

apparatus; Wear full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures:

6.1.1. For Non-emergency Personnel

Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders

Protective Equipment: For non-emergency and emergency personnel: See section 8 -

personal protection. Avoid eye contact. Wear safety goggles.

Emergency Procedures:

6.2. Environmental Precautions

Do not allow into open waterways and ground water systems.

6.3. Methods and Material for Containment and Cleaning Up

For Containment:

Methods for Cleaning Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not pierce or burn, even after use. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Hygiene Measures:

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: Keep container tightly closed. Keep in cool dry area. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. If separation occurs, mix the product for reconstitution.

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

TWA/PEL

STEL

Butane 800 ppm; 1900 mg/m³ 1000 ppm

Propane 1000 ppm; 1800 mg/m³ 1250 ppm

8.2. Exposure Controls

Appropriate Engineering Showers, eyewash stations, ventilation systems.

Controls |

Personal Protective Equipment |

Materials for Protective |

Clothing |

Hand Protection |

Eye Protection | Use protective glasses or safety goggles if

| splashing or spray-back is likely.

Skin and Body Protection | Use protective gloves (any material) when used for

|prolonged periods or dermally sensitive.

Respiratory Protection |Use in well ventilated areas or local exhaust
|ventilations when cleaning small spaces.

Thermal Hazard Protection |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State |

Appearance |White Foam

Odor |No added odor

Odor Threshold |Not determined

pH |10.5 - 11.5

Relative Evaporation Rate |Not determined

(butylacetate=1) |

Melting Point |

Freezing Point |0 Deg.C (32 Deg.F)

Boiling Point |101 Deg.C (213.8 Deg.F)

Flash Point |> 212 Deg.F

Auto-ignition Temperature |Non-flammable

Decomposition Temperature	109 Deg.F
Flammability (solid, gas)	Not applicable
Vapor Pressure	Not determined
Relative Vapor Density at 20 ◆C	
Relative Density	8.34 - 8.44 lb/gal
Specific Gravity	1.00 - 1.02
Solubility	100% in water
Partition coefficient:	Not determined
n-octanol/water	
Viscosity	Not determined
Lower Flammable Limit	Not applicable
Upper Flammable Limit	Not applicable

9.2. Other Information

VOCs: **Water & fragrance exemption in calculation

SCAQMD 304-91 / EPA 24: Not tested

CARB Method 310**: <54 g/L <0.451 lb/gal <5.4%

SCAQMD Method 313: Not tested

VOC Composite Partial Pressure: Not determined

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Non-reactive.

10.2 Chemical Stability

Stable under normal conditions 70oF (21oC) and 14.7 psig (760 mmHg).

10.3 Possibility of Hazardous Reactions

None known.

10.4 Conditions to Avoid

Excessive heat or cold.

10.5 Incompatible Materials

Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.

10.6 Hazardous Decomposition Products

Normal products of combustion - CO, CO2.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity:

Oral LD50 (rat) > 5 g/kg body weight

Dermal LD50 (rabbit) > 5 g/kg body weight

Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and

Labelling of Chemicals

Skin Corrosion/Irritation: No ingredients trigger or classify under this category.

Serious Eye Damage/Irritation: Causes eye irritation (GHS hazard category 2B).

Respiratory or Skin Sensitization:

Germ Cell Mutagenicity: Mixture does not classify under this category.

Carcinogenicity: Mixture does not classify under this category.

Reproductive Toxicity: Mixture does not classify under this category.

Specific Target Organ Toxicity (Single Exposure): Mixture does not classify under this category.

Specific Target Organ Toxicity (Repeated Exposure): Mixture does not classify under this category.

Aspiration Hazard: Mixture does not classify under this category.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Volume of ingredients used does not trigger toxicity classifications under the

Globally Harmonized System of Classification and Labelling of Chemicals.

12.2. Persistence and Degradability

Based on similar formulations, foam is expected to be readily biodegradable.

12.3. Bioaccumulative Potential

No data available.

12.4. Mobility in Soil

No data available.

12.5. Other Adverse Effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: May be considered hazardous in your area depending on usage and tonnage of disposal - check with local, regional, and or national regulations for appropriate methods of disposal.

Additional Information: Dispose of in accordance with local regulations. Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name |

Hazard Class | | <PICTOGRAM PHRASE>

Identification Number | |

Label Codes | |

ERG Number |

14.2 In Accordance with IMDG

Proper Shipping Name |

Hazard Class |

Identification Number |

Label Codes | | <PICTOGRAM PHRASE>

ntification Of The		
Substance/m		
EmS-No. (Fire)		
EmS-No. (Spillage)		

14.3 In Accordance with IATA

Proper Shipping Name |

Identification Number		<PICTOGRAM PHRASE>
Hazard Class		
Label Codes		
ntification Of The		
Substance/m		
ERG Code (IATA)		

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

<COMPONENT>

Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 - Not applicable.

Sections 302 - Not applicable.

Clean Air Act (CAA): Butane (106-97-8) CAA 112(r) TQ 10,000 lbs

Propane (74-98-6) CAA 112 (r) TQ 10,000 lbs

Clean Water Act (CWA): Not applicable.

State Right To Know Lists: Butane (106-97-8) Massachusetts, New

Jersey, Pennsylvania

Propane (74-98-6) Massachusetts, New Jersey, Pennsylvania

SARA Section 311/312 Hazard Classes |Not applicable.

Toxic Substances Control Act (TSCA) |All components are listed on: TSCA.

15.2 US State Regulations

<COMPONENT>

California Proposition 65: No ingredients listed

Texas ESL:

Ethoxylated Alcohol 68439-46-3 60 ?g/m3 long term

600 ?g/m3 short term

Sodium Citrate 68-04-2 5 ?g/m3
long term 50 ?g/m3 short term

Sodium Carbonate 497-19-8 5 ?g/m3 long term

50 ?g/m3 short term

Citric Acid 77-92-9 10

?g/m3

long term

100 ?g/m3 short term

Butane

106-97-8

1000 ppb, 2375

?g/m3

long term

10000 ppb, 23750 ?g/m3 short term

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date |

Other | This document has been prepared in accordance with the SDS

Information | requirements of the OSHA Hazard Communication Standard 29 CFR

| 1910.1200.

GHS Full Text Phrases:

----| |

-- | |

----| |

-- | |

----| |

-- | |

----| |

-- | |

----| |

-- |

Grainger disclaimer.

The information contained in this was obtained from current and reliable sources, however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of Imperial Supplies LLC, Imperial will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this " shall be created or inferred by any statement in this ". Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this ". The user is responsible for full compliance.

[Privacy Policy](#) | [Terms of Sale](#) | [Terms of Access](#) | [Help](#)