



# SAFETY DATA SHEET

Issuing Date 16-Jan-2014

Revision Date 26-Aug-2016

Revision Number 5

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name Solid Green 22 Bioactive

### Other means of identification

Product Code(s) 1622

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Drain and Grease Trap Treatment

Uses advised against No information available

### Supplier's details

#### Supplier Address

Sunburst Chemicals, Inc.  
220 W. 86th St.  
Bloomington, MN 55420  
TEL: 952-884-3144

Emergency Telephone Number 1-866-303-6943

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

### PRODUCT AS SOLD

Acute Oral Toxicity	Category 4
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### PRODUCT AT USE DILUTION

Acute Oral Toxicity	Category 4
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### GHS Label elements, including precautionary statements

#### Emergency Overview

### PRODUCT AS SOLD

Signal Word Warning

#### Hazard Statements

- Harmful if swallowed



Appearance Off White

Physical State Solid

Odor Mild

**Precautionary Statements**

**Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product

**General Advice**

- None

**Ingestion**

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth several times

**Storage**

- None

**Disposal**

- Dispose of contents/container to an approved waste disposal plant

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

<b>PRODUCT AT USE DILUTION</b>			
<b>Signal Word</b>	<b>Warning</b>		
<b>Hazard Statements</b>	<b>Emergency Overview</b>		
• Harmful if swallowed			
			
<b>Appearance</b> Off White	<b>Physical State</b> Solid	<b>Odor</b> Mild	
<b>Precautionary Statements</b>			
<b>Prevention</b>			
• Wash face, hands and any exposed skin thoroughly after handling			
• Do not eat, drink or smoke when using this product			
<b>General Advice</b>			
• None			
<b>Ingestion</b>			
• IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell			
• Rinse mouth several times			
<b>Storage</b>			
• None			
<b>Disposal</b>			
• Dispose of contents/container to an approved waste disposal plant			

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**PRODUCT AS SOLD**

Chemical Name	CAS-No	Weight %	Trade secret
Mixed Ethoxylated Alcohol	NA	50 - 80	*
alcohols,c12-15, ethoxylated	68131-39-5	20 - 30	
Benzenesulphonic acid,C10-C13 alkyl derivs., sodium salts	68411-30-3	10 - 20	*
Dodecanamide, N-(2-hydroxyethyl)-	142-78-9	1 - 10	*
Bacterial spore source	NA	1 - 5	*

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

PRODUCT AT USE DILUTION			
Chemical Name	CAS-No	Weight %	Trade secret
Mixed Ethoxylated Alcohol	NA	0.5 – 0.8	*
alcohols,c12-15, ethoxylated	68131-39-5	0.2 – 0.3	
Benzenesulphonic acid,C10-C13 alkyl derivs., sodium salts	68411-30-3	0.1 – 0.2	*
Dodecanamide, N-(2-hydroxyethyl)-	142-78-9	0.01 - .01	*
Bacterial spore source	NA	0.01 – 0.05	*

**4. FIRST AID MEASURES**

**PRODUCT AS SOLD**

**Description of necessary first-aid measures**

- Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms persists.
- Skin Contact** Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
- Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
- Ingestion** Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Skin irritation, bitter taste

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

PRODUCT AT USE DILUTION	
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eye lids, for at least 15 minutes. Seek immediate medical attention / advice.
<b>Skin Contact</b>	Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induct vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable Extinguishing Media** None

**Specific Hazards Arising from the Chemical**

No information available

**Explosion Data**

**Sensitivity to Mechanical Impact** None  
**Sensitivity to Static Discharge** None

**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.

**6. ACCIDENTAL RELEASE MEASURES**

**PRODUCT AS SOLD**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become very slippery.

**Environmental Precautions**

**Environmental Precautions** Dispose of contents/container to an approved waste disposal plant.

**Methods and materials for containment and cleaning up**

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

**Methods for Cleaning Up** Collect and reuse if possible. Following product recovery, flush area with water.

<b>PRODUCT AT USE DILUTION</b>	
<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become very slippery.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system. Dispose of contents/container to an approved waste disposal plant. Avoid release to the environment. See Section 12 for additional Ecological Information
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Collect and reuse if possible. Following product recovery, flush area with water.

**7. HANDLING AND STORAGE**

**PRODUCT AS SOLD**

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed. Keep container closed when not in use. Keep out of the reach of children.

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

<b>PRODUCT AT USE DILUTION</b>	
<b>Advice on safe handling</b>	Do not ingest. Do not get in eyes, on skin or on clothing. Do not breathe mist. Use only with adequate ventilation. Wash hands thoroughly after handling.
<b>Conditions for safe storage</b>	Keep out of reach of children. Store in suitable labeled containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**PRODUCT AS SOLD**

**Control Parameters**

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

**Appropriate engineering controls**

**Engineering Measures** Eyewash stations

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields. If splashes are likely to occur, wear: Goggles.

**Skin and Body Protection** Rubber gloves.

<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
<b>Hygiene Measures</b>	Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid	<b>Appearance</b>	Off White
<b>Odor</b>	Mild	<b>Odor Threshold</b>	No information available

### Property

	<u>Values for as Sold</u>
<b>pH</b>	NA
<b>Melting Point/Range</b>	48 °C / 118.4 °F
<b>Boiling Point/Boiling Range</b>	No data available
<b>Flash Point</b>	None
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Flammability Limits in Air</b>	
upper flammability limit	No data available
lower flammability limit	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	No data available
<b>Specific Gravity</b>	No data available
<b>Water Solubility</b>	Soluble
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

### Values for Use Dilution

<b>pH</b>	8.0 – 9.5
<b>Physical State</b>	Liquid
<b>Odor</b>	None
<b>Appearance</b>	Colorless

**Flammable Properties** Not flammable

**Explosive Properties** Not explosive  
**Oxidizing Properties** Not an oxidizer

### Other information

**VOC Content (%)** 0%

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### PRODUCT AS SOLD

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Causes skin irritation.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**PRODUCT AT USE DILUTION**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Causes skin irritation.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
alcohols,c12-15, ethoxylated	= 1830 mg/kg (Rat)	= 2480 mg/kg (Rabbit)	-
Benzenesulphonic acid,C10-C13 alkyl derivs., sodium salts	= 1020 mg/kg (Rat)	-	-

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	No information available.
<b>Delayed and immediate effects and also chronic effects from short and long term exposure</b>	
<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity • - Product**

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

<b>LD50 Oral</b>	No information available.
<b>LD50 Dermal</b>	No information available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Benzenesulphonic acid,C10-C13 alkyl derivs., sodium salts	EC50 96h: = 29 mg/L (Pseudokircheneriella sub.)	LC50 96 h: = 1.67 mg/L (Bluegill Sunfish)	-	EC50 48 h: = 2.9 mg/L (Daphnia magna)

<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.

<b>Other Adverse Effects</b>	No information available.
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**13. DISPOSAL CONSIDERATIONS**

**PRODUCT AS SOLD**

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Dispose of in accordance with federal, state, and local regulations.

**PRODUCT AT USE DILUTION**  
 Dispose of in accordance of the federal, state, local regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

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

**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 122.42).

**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.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

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

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 0	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal Protection A

Prepared By Sunburst Chemicals  
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952-884-3144

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**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**