



# SAFETY DATA SHEET

Issuing Date 19-Nov-2013

Revision Date 01-Jun-2016

Revision Number 3

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

### GHS product identifier

**Product Name** Shamrock

### Other means of identification

**Product Code(s)** 6010

**Synonyms** None

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

**Recommended Use** Dish Detergent

**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).

### GHS Label elements, including precautionary statements

#### Emergency Overview

#### PRODUCT AS SOLD

<b>Signal Word</b>	None
<b>Appearance</b> Green	<b>Physical State</b> Solid <b>Odor</b> None

### **Precautionary Statements**

#### **Prevention**

- None

#### **General Advice**

- None

#### **Storage**

- None

#### **Disposal**

- None

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

Harmful to aquatic life with long lasting effects

PRODUCT AT USE DILUTION			
Signal Word	None		
Appearance	Colorless	Physical State	Liquid
			Odor
			None
<p><b>Prevention</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>General Advise</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Storage</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Disposal</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul>			

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**PRODUCT AS SOLD**

Chemical Name	CAS-No	Weight %	Trade secret
Benzenesulphonic acid,C10-C13 alkyl derivs., sodium salts	68411-30-3	30 - 50	*
Nonylphenol Ethoxylate	9016-45-9	5 - 10	*

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

PRODUCT AT USE DILUTION
No ingredients are at a hazardous level.

**4. FIRST AID MEASURES**

**PRODUCT AS SOLD**

**Description of necessary first-aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.
<b>Skin Contact</b>	Wash off with warm water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

PRODUCT AT USE DILUTION	
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.
<b>Skin Contact</b>	Wash off with warm water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
<b>Ingestion</b>	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** No information available.

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

**Notes to Physician** Treat symptomatically.

**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 eyes. If spilled, take caution, as material can cause surfaces to become very slippery.

**Environmental Precautions**

**Environmental Precautions** Collect spillage. Dispose of contents to an approved waste disposal receptacle.

**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**

Pick up solid spills with shovel or mop. Dispose of materials in trash receptacle or by rinsing to drain.

<b>PRODUCT AT USE DILUTION</b>	
<b>Environmental Precautions</b>	Rinse spilled solutions to the drain.
<b>Methods for Containment</b>	Prevent further leakage and leakage, mop or wipe up spilled solution.
<b>Methods for Cleaning Up</b>	Rinse to drain.

**7. HANDLING AND STORAGE**

**PRODUCT AS SOLD**

**Precautions for safe handling**

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

**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**

Control parameters  
 Exposure Guidelines No information available

**PRODUCT AS SOLD**

Appropriate engineering controls  
 Engineering Measures Eyewash stations

**PRODUCT AT USE DILUTION**

Engineering Measures Eyewash stations

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses recommended when handling solid chemicals.

Hygiene Measures Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PRODUCT AS SOLD**

Information on basic physical and chemical properties

Physical State	Solid	Appearance	Green
Odor	None	Odor Threshold	No information available

**PRODUCT AT USE DILUTION**

Physical State	Liquid	Appearance	Colorless
Odor	None	Odor Threshold	No information available

<u>Property</u>	<u>Values as Sold</u>	<u>Values at Use Dilution</u>
pH	N/A	8.5 – 9.5
Melting Point/Range	No data available	
Boiling Point/Boiling Range	No data available	
Flash Point	None.	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	
Vapor Density	No data available	
Relative Density	No data available	
Specific Gravity	No data available.	
Water Solubility	Complete	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	No data available	
Autoignition Temperature	No data available	
Decomposition Temperature	No data available	
Viscosity	No data available	
Flammable Properties	Not flammable	
Explosive Properties	Not explosive	
Oxidizing Properties	Not an oxidizer	
<u>Other information</u>		
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>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	May cause irritation.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

<b>PRODUCT AT USE DILUTION</b>	
<b>Eye Contact</b>	Causes eye 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
Benzenesulphonic acid,C10-C13 alkyl derivs., sodium salts	= 1020 mg/kg ( Rat )	-	-
Nonylphenol Ethoxylate	= 3310 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit )	-

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

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** Contains no carcinogenic ingredients.

**IARC: (International Agency for Research on Cancer)**  
 Group 3: Not Classifiable as to its Carcinogenicity to Humans

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity • - Product**

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

**LD50 Oral** No information available.  
**LD50 Dermal** 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: = 0.97 mg/L	LC50 96 h: = 1.67 mg/L (Bluegill Sunfish)		EC50 48 h: = 7.6 mg/L (Daphnia magna)
Nonylphenol Ethoxylate		LC50 96 h: = 1.8 mg/L static (Bluegill Sunfish)		EC50 48h: = 12.2 mg/L (Daphnia magna)

**Persistence and Degradability** No information available  
**Bioaccumulation** No information available.

**Other Adverse Effects** No information available.

### 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**

**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 contains no substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations** None

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

**PRODUCT AS SOLD**

<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

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

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<b>Issuing Date</b>	19-Nov-2013
<b>Revision Date</b>	01-Jun-2016
<b>Revision Note</b>	Update

**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**