

## Shamrock

### SECTION 1. IDENTIFICATION

**Product Identifier** Shamrock  
**Other Means of Identification** 6010  
**Recommended Use** Dish Detergent.  
**Restrictions on Use** No information available.  
**Manufacturer/Supplier Identifier** Sunburst Chemicals, Inc., 220 W. 86th St., Bloomington, MN, 55420, 952-884-3144  
**Emergency Phone No.** Emergency Telephone Number, 1-866-303-6943  
**SDS No.** 0005

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

**Classification**

Not classified under any hazard class.

**Label Elements**

Not applicable

**Other Hazards**

Not applicable.

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**PRODUCT AT USE DILUTION**

Not a hazardous substance or mixture.

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 Classification Category of Use Dilution: Not hazardous at use dilution.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts	68411-30-3	30-50		
Dodecanamide, N-(2-hydroxyethyl)-	142-78-9	10-20		
Poly (oxy-1, 2-ethanediyl), Alpha-Sulfo-Omega-Hydroxy-, C10-C16 Alkyl ethers, Ammonium Salts	67762-19-0	10-20		
Sodium sulfate	7757-82-6	10-20		
Nonylphenol Ethoxylate	9016-45-9	5-10		
Acid Green 25	4403-90-1	0-0.001		

**Notes**

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

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

#### Ingestion

Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

#### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

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#### PRODUCT AT USE DILUTION

##### EYE CONTACT:

Rinse with plenty of water.

##### SKIN CONTACT:

Rinse with plenty of water.

##### INHALATION:

Get medical attention if symptoms occur.

##### INGESTION:

Rinse mouth. Get medical attention if symptoms occur.

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### Most Important Symptoms and Effects, Acute and Delayed

None known.

### Immediate Medical Attention and Special Treatment

#### Special Instructions

Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

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

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

Not sensitive to static discharge.

Not sensitive to mechanical impact.

### Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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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

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

### Environmental Precautions

No special precautions are necessary.

### Methods and Materials for Containment and Cleaning Up

Collect and reuse if possible. Following product recovery, flush area with water.

### Other Information

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#### PRODUCT AT USE DILUTION

Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin, eyes and clothing. Do not breathe spray mist. Solution can cause surfaces to become slippery

Environmental precautions:

Avoid release to the environment. Rinse or mop up use solutions. Solutions may be flushed down sanitary sewer drains.

Methods and materials for containment and cleaning up:

Prevent further leakage and leakage, mop or wipe up spilled solution. Rinse to drain.

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## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

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

### Conditions for Safe Storage

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

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#### PRODUCT AT USE DILUTION

Precautions for Safe Handling:

Wash hands after handling. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage:

Keep out of reach of children. Store in suitable labeled containers.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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

A5 = Not suspected as a human carcinogen.

### Appropriate Engineering Controls

Provide eyewash in work area, if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### Skin Protection

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Not required, if used as directed. Rubber or vinyl gloves recommended when handling solid chemicals.

#### **Respiratory Protection**

Not normally required if product is used as directed. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Basic Physical and Chemical Properties**

<b>Appearance</b>	Green.
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	60 °C (140 °F) (melting); Not applicable (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Soluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not applicable (kinematic); Not applicable (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Use Dilution</b>	Use dilution pH is 8.5 - 9.5 pH
<b>VOC Content</b>	VOC Content (%) = 0%

## **SECTION 10. STABILITY AND REACTIVITY**

### **Reactivity**

None known.

### **Chemical Stability**

Normally stable.

### **Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

### **Conditions to Avoid**

None known.

### **Incompatible Materials**

None known.

### **Hazardous Decomposition Products**

None known.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

None.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Nonylphenol Ethoxylate	Not available	3310 mg/kg (rat)	2000 mg/kg (rabbit)
Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts	Not available	1020 mg/kg (rat)	Not available

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### Skin Corrosion/Irritation

May cause irritation.

### Serious Eye Damage/Irritation

Contact with eyes may cause irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause irritation of respiratory tract.

#### Ingestion

Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Aspiration Hazard

No information was located.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information available.

### Respiratory and/or Skin Sensitization

No information available.

### Carcinogenicity

Not a carcinogen.

### Reproductive Toxicity

#### Development of Offspring

Does not cause harm to the unborn child.

#### Sexual Function and Fertility

Does not cause effects on sexual function or fertility.

#### Effects on or via Lactation

No information was located. Does not cause effects on or via lactation.

### Germ Cell Mutagenicity

Not mutagenic.

### Interactive Effects

No information was located.

### Other Information

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### PRODUCT AT USE DILUTION

Inhalation: Health injuries are not known or expected under normal use.

Eye Contact: Health injuries are not known or expected under normal use.

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Skin Contact: Health injuries are not known or expected under normal use.  
Ingestion: Health injuries are not known or expected under normal use.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life.

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Nonylphenol Ethoxylate	1.8 mg/L (Lepomis macrochirus (bluegill); 96-hour)	12.2 mg/L (Daphnia magna (water flea); 48-hour)	Not available	Not available
Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts	1.67 mg/L (Lepomis macrochirus (bluegill); 96-hour)	2.9 mg/L (Daphnia magna (water flea); 48-hour)	Not available	29 mg/L (Pseudokirchneriella subcapitata (algae); 96-hour)

#### Persistence and Degradability

No information available.

#### Bioaccumulative Potential

No information available.

#### Mobility In Soil

No information was located.

#### Other Adverse Effects

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

#### USA

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

**Additional USA Regulatory Lists**

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**SARA Title III - Section 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 Title III - Section 311/312:**

Acute Health Hazard	No	
Chronic Health Hazard	No	
Fire Hazard	No	
Sudden Release of Pressure Hazard	No	No
Reactive Hazard	No	No

**California Proposition 65**

This product contains no Proposition 65 chemicals.

**U.S. EPA Label Information**

EPA Registration Number : Not applicable.

**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. ).

**SECTION 16. OTHER INFORMATION**

**NFPA Rating**      **Health - 0**    **Flammability - 0**    **Instability - 0**

**SDS Prepared By**      Sunburst Chemicals.

**Phone No.**              952-884-3144

**Date of Last Revision**    October 24, 2019

**Additional Information** -----

PRODUCT AT USE DILUTION

NFPA Rating    Health - 0    Flammability - 0    Instability - 0

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