



# SAFETY DATA SHEET

Issuing Date 01-May-2016

Revision Date 17-Jan-2017

Revision Number 3

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

### GHS product identifier

**Product Name** Conserv Solid Green 82 Sour Softener

### Other means of identification

**Product Code(s)** 7890

**Synonyms** None

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

**Recommended Use** Laundry Neutralizer and Softener

**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 considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

### PRODUCT AS SOLD

|                                   |            |
|-----------------------------------|------------|
| Acute Oral Toxicity               | Category 4 |
| Skin Corrosion/Irritation         | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2 |

### PRODUCT AT USE DILUTION

|  |            |
|--|------------|
| Acute inhalation Toxicity – Dusts and Mists. | Category 4 |
| Skin Corrosion/Irritation                    | Category 2 |
| Serious Eye Damage/Eye Irritation            | Category 2 |

### GHS Label elements, including precautionary statements

#### Emergency Overview

### PRODUCT AS SOLD

|   |                |
|---|----------------|
| <b>Signal Word</b>  | <b>Warning</b> |
| <b>Hazard Statements</b>  |                |
| <ul style="list-style-type: none"> <li>• Harmful if swallowed</li> <li>• Causes severe skin and eye irritation</li> </ul> |                |



**Appearance** Off White **Physical State** Solid **Odor** None

**Precautionary Statements**

**Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wear protective gloves/protective clothing/eye protection/face protection

**General Advice**

- Immediately call a POISON CENTER or doctor/physician

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician.

**Skin**

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Ingestion**

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth
- Do NOT induce vomiting

**Storage**

- Store locked up

**Disposal**

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

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

Harmful to aquatic life with long lasting effects.

**PRODUCT AT USE DILUTION**

**Signal Word**

**Hazard Statements**

- Not harmful



**Appearance** Colorless **Physical State** Liquid **Odor** None

**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wear protective gloves/protective clothing/eye protection/face protection

**General Advice**

- Call a POISON CENTER or doctor/physician if you feel unwell.

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
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**Inhalation**

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**Ingestion**

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- Rinse mouth
- Do NOT induce vomiting

**Storage**

- Store locked up

**Disposal**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                 | CAS-No      | Weight %  | Trade secret |
|-------------------------------|-------------|-----------|--------------|
| Polyethylene Glycol           | 25322-68-3  | 40 - 60   | *            |
| Quaternary Ammonium Salt      | Proprietary | 25 - 40   | *            |
| Citric acid                   | 77-92-9     | 15 - 30   | *            |
| Polydimethylsiloxane Compound | Mixture     | 0.5 - 1.5 | *            |
| Stilbene derivative           | 16470-24-9  | 0.1 - 0.3 | *            |

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

**PRODUCT AT USE DILUTION**

Composition of the Use Dilution is the same as above solution, however, the concentrations are less than 0.05%

**4. FIRST AID MEASURES****PRODUCT AS SOLD****Description of necessary first-aid measures****General Advice**

Medical attention is required if you feel unwell.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.

**Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Seek medical attention/advice if you feel unwell.

**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** No information available.

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

**Notes to Physician** Treat symptomatically.

| <b>PRODUCT AT USE DILUTION</b> |  |
|--------------------------------|--|
| <b>Eye Contact</b>             | Rinse with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention/advice if you feel unwell.   |
| <b>Skin Contact</b>            | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Seek immediate medical attention /advice. |
| <b>Inhalation</b>              | Move to fresh air. If breathing is difficult, give oxygen. 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.                                       |

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Keep containers and surroundings cool with water spray.

**Unsuitable Extinguishing Media** None

**Specific Hazards Arising from the Chemical**

Sealed containers may rupture when heated. Spills produce extremely slippery surfaces.

**Hazardous Combustion Products** May release hydrogen fluoride with high heating.

**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** If spilled, take caution, as material can cause surfaces to become very slippery. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Ensure adequate ventilation. Use personal protective equipment.

**Environmental Precautions**

**Environmental Precautions** Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological Information 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.

| PRODUCT AT USE DILUTION          |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | If spilled, take caution, as material can cause surface to be very slippery. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Ensure adequate ventilation. Use personal protective equipment. |
| <b>Environmental Precautions</b> | Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological information Dispose of contents/container to an approved waste disposal plant.   |
| <b>Methods of Containment</b>    | Prevent further leakage or spillage if safe to do so.   |
| <b>Methods of Cleaning Up</b>    | 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. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. 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** Chlorine-based bleaching agents.

| PRODUCT AT USE DILUTION      |  |
|------------------------------|--|
| <b>Handling</b>              | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product. |
| <b>Storage</b>               | Keep container tightly closed. Keep container closed when not in use. Keep out of reach of children  |
| <b>Incompatible products</b> | Chlorine-based bleaching agents.   |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Control parameters

**Exposure Guidelines** – No information available

Appropriate engineering controls

**Engineering Measures** Eyewash stations

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Rubber gloves.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures** Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PRODUCT AS SOLD**

Information on basic physical and chemical properties

|                       |       |                       |                          |
|-----------------------|-------|-----------------------|--------------------------|
| <b>Physical State</b> | Solid | <b>Appearance</b>     | Off White                |
| <b>Odor</b>           | None  | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>     |
|--|-------------------|
| pH                                     | No data available |
| Melting Point/Range                    | No data available |
| Boiling Point/Boiling Range            | None              |
| 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                       | Soluble           |
| 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 |
| <br>                                   |                   |
| Flammable Properties                   | Not flammable     |
| <br>                                   |                   |
| Explosive Properties                   | Not explosive     |
| Oxidizing Properties                   | Not an oxidizer   |

**Values for Product at Use Dilution**

5.0 – 9.0  
 212 °F  
 Physical State - Liquid  
 Odor - None  
 Appearance – Colorless

**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**

Chlorine-based bleaching agents.

**Hazardous decomposition products**

Chlorine gas.

## 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>  | Eye contact can cause eye irritation.                          |
| <b>Skin Contact</b> | Skin contact can cause skin irritation.                        |
| <b>Ingestion</b>    | Harmful if swallowed. Can irritate mouth, throat, and stomach. |

**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 material.

**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.

**PRODUCT AT USE DILUTION**

**Inhalation** May cause irritation of respiratory tract.  
**Eye Contact** Eye contact can cause eye irritation.  
**Skin Contact** Skin contact can cause skin irritation.  
**Ingestion** Harmful if swallowed. Can irritate mouth, throat, and stomach.

**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)            |
|---------------------------|----------------------|---|----------------------------|---------------------------------------|
| Citric Acid               | -                    | LC50 96 h: = 1516 mg/L static (Lepomis macrochirus) | -                          | EC50 72 h: = 120 mg/L (Daphnia magna) |
| Quaternary Ammonium Salts | EC50 72 h: 2.14 mg/L | LC50 96h:1.9-4.9 mg/L                               | -                          | -                                     |

**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**

**TSCA** Complies

**DSL** Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - 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**

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard                   | 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****U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

| 16. OTHER INFORMATION   |   |   |              |   |                 |   |                               |   |
|---|---|---|--------------|---|-----------------|---|-------------------------------|---|
| <b><u>NFPA</u></b>  | Health Hazard   | 1 | Flammability | 0 | Instability     | 0 | Physical and Chemical Hazards | - |
| <b><u>HMIS</u></b>  | Health Hazard   | 1 | Flammability | 0 | Physical Hazard | 0 | Personal Protection           | B |
| <b>Prepared By</b>  | Sunburst Chemicals<br>220 West 86 <sup>th</sup> Street<br>Bloomington, MN 55420<br>952-884-3144 |   |              |   |                 |   |                               |   |
| <b>Issuing Date</b>   | 01-May-2016   |   |              |   |                 |   |                               |   |
| <b>Revision Date</b>  | 17-Jan-2017   |   |              |   |                 |   |                               |   |
| <b>Revision Note</b>  | Update  |   |              |   |                 |   |                               |   |
| <b><u>General Disclaimer</u></b>  |   |   |              |   |                 |   |                               |   |
| 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. |   |   |              |   |                 |   |                               |   |
| <b>End of Safety Data Sheet</b>   |   |   |              |   |                 |   |                               |   |