



SAFETY DATA SHEET

Issuing Date 16-Jan-2014

Revision Date 14-Jul-2016

Revision Number 1

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

GHS product identifier

Product Name Spray Kleen Glass & Hard Surface Cleaner

Other means of identification

Product Code(s) 1725

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Glass Cleaner

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

| | | | |
|--------------------|------|-----------------------|--------|
| Signal Word | | None | |
| Appearance | Blue | Physical State | Liquid |
| | | Odor | 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 Blue**Physical State** Liquid**Odor** None**Precautionary Statements****Prevention**

- None

General Advice

- None

Storage

- None

Disposal

- None

3. COMPOSITION/INFORMATION ON INGREDIENTS**PRODUCT AS SOLD**

| Chemical Name | CAS-No | Weight % | Trade secret |
|-------------------------------|----------|----------|--------------|
| Sodium dioctyl sulfosuccinate | 577-11-7 | 1 - 5 | * |
| Sodium lauryl sulfate | 151-21-3 | 1 - 5 | * |

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

PRODUCT AT USE DILUTION

Contains ingredients listed above at weight % less than 2.0%

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 occur.

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 No information available.

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

Treat symptomatically.

| PRODUCT AT USE DILUTION | |
|-------------------------|--|
| Eye Contact | Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur. |
| 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. |

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water. Carbon dioxide (CO₂). 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.

Environmental Precautions

Environmental Precautions

Collect spillage. Dispose of contents/container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Avoid release to the environment. See Section 12 for additional Ecological Information

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

Absorb spilled material with an absorbent material such as clay, sawdust, or sand. Pick up and transfer to properly labeled containers. Dispose of promptly. Flush area with flooding quantities of water

| PRODUCT AT USE DILUTION | |
|----------------------------------|---|
| Personal Precautions: | Avoid contact with skin, eyes and clothing. Do not breathe spray mist. Use personal protective equipment. Solution can cause surfaces to become slippery. |
| Environmental Precautions | Avoid release to the environment. Rinse or mop up use solutions. Small volumes may be flushed down sanitary sewer drains. |
| Methods for Containment | Prevent solutions from further spillage, if safe to do so. |

| | |
|--------------------------------|------------------------|
| Methods for Cleaning Up | 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.

PRODUCT AT USE DILUTION

Advice on safe handling

Do not ingest. Do not get in eyes, on skin or on clothing. Do not breathe mist. Wash hands thoroughly after handling.

Conditions for safe storage

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

No data available.

Appropriate engineering controls

Engineering Measures

Eyewash stations

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses with side-shields.

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

Physical State
Odor

Liquid
None

Appearance
Odor Threshold

Blue
No information available

Property

Values for Product as Sold

Values for Product at Use Dilution

| | |
|-----------------------------|-------------------|
| pH | 7.5 – 8.5 |
| Melting Point/Range | No data available |
| Boiling Point/Boiling Range | 212 °F |
| 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 |

| |
|-------------------------|
| 7.5 – 8.5 |
| 212 °F |
| Physical State – Liquid |
| Odor – None |
| Appearance - Colorless |

| | |
|---|-------------------|
| 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

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

| | |
|---------------------|---|
| Inhalation | May cause irritation of respiratory tract. |
| Eye Contact | Contact with eyes may cause irritation. |
| Skin Contact | May cause irritation. |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

PRODUCT AT USE DILUTION

| | |
|---------------------|---|
| Inhalation | May cause irritation of respiratory tract. |
| Eye Contact | Contact with eyes may cause irritation. |
| Skin Contact | May cause irritation. |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------------------|----------------------|--------------------------|--------------------------|
| Sodium dioctyl sulfosuccinate | = 3100 mg/kg (Rat) | = 10000 mg/kg (Rabbit) | - |
| Sodium lauryl sulfate | = 1288 mg/kg (Rat) | = 580 mg/kg (Rabbit) | > 3900 mg/m3 (Rat) 1 h |

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. |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Slightly harmful to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|-------------------------------|-------------------|--|----------------------------|--|
| Sodium dioctyl sulfosuccinate | - | LC50 96 h: = 54.5 mg/L (Bluegill Sunfish) | - | EC50 48h: = 35.9 mg/L (Daphnia magna) |
| Sodium lauryl sulfate | - | LC50 96 h: = 0.59mg/L (Carp) | - | EC50 48 h: = 10.4mg/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

| | |
|-------------------|---------------|
| <u>DOT</u> | 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

| | |
|------------------------------|----|
| 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 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

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

| | |
|---------------|---|
| Prepared By | Sunburst Chemicals 220 West 86 th Street Bloomington, MN 55420 952-884-3144 |
| Issuing Date | 16-Jan-2014 |
| Revision Date | 14-Jul-2016 |
| Revision Note | 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