# Silver Fern Chemical, Inc.

# Safety Data Sheet

## APG0814 R73N

Revision date :
2022/05/12 Version: 7.0

## 1. Identification

### Product identifier used on the label

## APG0814 R73N

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

Recommended use*: Chemical

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

### Details of the supplier of the safety data sheet

**Distributor:**
Silver Fern Chemical, Inc.
2226 Queen Anne Avenue North
Seattle WA 98109, USA
Phone: 1-866-282-3384
Info@silverfernchemical.com

### Emergency telephone number
### 24 Hour Emergency Contact

Infotrac 1-800-535-5053 (USA & Canada)
Outside USA & Canada 1-352-323-3500

### Other means of identification

Synonyms: Alkyl polyglucoside

## 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

### Classification of the product

| | | |
|---|---|---|
| Eye Dam./Irrit. | 1 | Serious eye damage/eye irritation |
| Aquatic Acute | 3 | Hazardous to the aquatic environment - acute |

### Label elements

Pictogram:

Signal Word:
Danger

Hazard Statement:

| | |
|---|---|
| H318 | Causes serious eye damage. |
| H402 | Harmful to aquatic life. |

Precautionary Statements (Prevention):

| | |
|---|---|
| P280 | Wear eye/face protection. |
| P273 | Avoid release to the environment. |

Precautionary Statements (Response):

| | |
|---|---|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |

Precautionary Statements (Disposal):

| | |
|---|---|
| P501 | Dispose of contents/container to hazardous or special waste collection point. |

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

| CAS Number | Weight % | Chemical name |
|---|---|---|
| 110615-47-9 | >= 10.0 - < 25.0% | D-Glucopyranose, oligomeric, C10-16-alkyl glycosides |
| 68515-73-1 | >= 25.0 - < 45.0% | D-Glucopyranose, oligomers, decyl octyl glycosides |

## 4. First-Aid Measures

### Description of first aid measures

**If inhaled:**
Remove victim to fresh air and away from exposure immediately. If breathing has stopped, administer artificial respiration. Immediate medical attention required.

**If on skin:**
After contact with skin, wash immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Immediate medical attention required.

**If in eyes:**
Wash affected eyes for at least 15 minutes under running water with eyelids held open. Do not rub eyes; mechanical action may cause corneal damage. Immediate medical attention required.

**If swallowed:**
Call a poison control center or physician for treatment advice. Do not induce vomiting due to aspiration hazard.

### Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.
Hazards: No hazard is expected under intended use and appropriate handling.

### Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Treat symptomatically.

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:
water spray, carbon dioxide, dry powder, foam

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

### Advice for fire-fighters

Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

**Further information:**
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## 6. Accidental release measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.
For large amounts: Dike spillage. Pump off product.
Dispose of absorbed material in accordance with regulations.

## 7. Handling and Storage

### Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:
Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

### Conditions for safe storage, including any incompatibilities
No applicable information available.

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

**Advice on system design:**
No special precautions necessary.

Personal protective equipment

**Respiratory protection:**
Not applicable with adequate ventilation. Wear a NIOSH-certified (or equivalent) respirator as necessary. Follow manufacturer's recommendations.

**Hand protection:**
Plastic gloves, Rubber gloves

**Eye protection:**
Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

**Body protection:**
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures:**
Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

| | |
|---|---|
| Form: | liquid |
| Odour: | almost odourless |
| Odour threshold: | not applicable |
| Colour: | yellowish |
| pH value: | 7 - 9.5<br>( 20 °C) |

| | |
|---|---|
| Melting point: | not applicable |
| Boiling point: | No data available. |
| Sublimation point: | No applicable information available. |
| Flash point: | > 101 °C<br>Aqueous preparation |
| Flammability: | not flammable |
| Flammability of Aerosol Products: | not applicable, the product does not form flammable aerosoles |
| Lower explosion limit: | For liquids not relevant for classification and labelling. |
| Upper explosion limit: | For liquids not relevant for classification and labelling. |
| Autoignition: | not determined |
| Vapour pressure: | not determined |
| Density: | 1.1 g/cm3<br>( 20 °C) |
| Vapour density: | not applicable |
| Self-ignition temperature: | not applicable |
| Thermal decomposition: | No decomposition if stored and handled as prescribed/indicated. |
| Viscosity, dynamic: | 200-500mpa.s@25℃ |
| Viscosity, kinematic: | not determined |
| Solubility in water: | soluble |
| Solubility (quantitative): | No applicable information available. |
| Solubility (qualitative): | soluble<br>solvent(s): distilled water, |
| Evaporation rate: | Value can be approximated from Henry's Law Constant or vapor pressure. |
| Other Information: | If necessary, information on other physical and chemical parameters is indicated in this section.<br>No further information available. |

## 10. Stability and Reactivity

### Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:
not fire-propagating

### Chemical stability
The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions
Reacts with oxidizing agents. Reacts with strong acids.

### Conditions to avoid
See MSDS section 7 - Handling and storage.

### Incompatible materials
No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

No hazardous decomposition products known.

Thermal decomposition:
No decomposition if stored and handled as prescribed/indicated.

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry
Dermal contact.

### Acute Toxicity/Effects

Acute toxicity
Assessment of acute toxicity: Virtually nontoxic after a single skin contact.
Virtually nontoxic after a single ingestion.

Oral
Type of value: LD50
Value: > 2,000 mg/kg

Inhalation
No applicable information available.

Dermal
Type of value: LD50
Value: > 2,000 mg/kg (OECD Guideline 402)

Assessment other acute effects
Assessment of STOT single:
Based on available Data, the classification criteria are not met.

Irritation / corrosion
Assessment of irritating effects: May cause severe damage to the eyes.
Not irritating to the skin.

*Information on: D-Glucopyranose, oligomeric, C8-14-alkyl glycosides*
*Assessment of irritating effects: Risk of serious damage to eyes. Skin contact causes irritation.*
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Eye

*Information on: D-Glucopyranose, oligomers, decyl octyl glycosides*
*Species: rabbit*
*Result: Risk of serious damage to eyes.*
*Method: OECD Guideline 405*
*Data of a comparable product*
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Sensitization
Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

Aspiration Hazard
No aspiration hazard expected.

### Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

Genetic toxicity
Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

Carcinogenicity
Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Reproductive toxicity
Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

Teratogenicity
Assessment of teratogenicity: No data was available concerning toxicity to development.

Other Information
The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

## 12. Ecological Information

### Toxicity

Aquatic toxicity
Assessment of aquatic toxicity:
The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish
LC50 > 10 - 100 mg/l

Aquatic toxicity

*Information on: D-Glucopyranose, oligomers, decyl octyl glycosides*
*Assessment of aquatic toxicity:*
*Acutely harmful for aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.*
*Toxic to aquatic organisms based on long-term (chronic) toxicity study data.*
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### Microorganisms/Effect on activated sludge

Toxicity to microorganisms
EC0: > 100 mg/l

### Persistence and degradability

Assessment biodegradation and elimination (H2O)
Readily biodegradable (according to OECD criteria).

### Bioaccumulative potential

Assessment bioaccumulation potential
No data available.

### Mobility in soil

Assessment transport between environmental compartments
not applicable

## 13. Disposal considerations

**Waste disposal of substance:**
Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

## 14. Transport Information

**Land transport**
USDOT

Not classified as a dangerous good under transport regulations

**Sea transport**
IMDG

Not classified as a dangerous good under transport regulations

**Air transport**
IATA/ICAO

Not classified as a dangerous good under transport regulations

## 15. Regulatory Information

Federal Regulations

**Registration status:**

| | | |
|---|---|---|
| Cosmetic | TSCA, US | released / exempt |
| Chemical | TSCA, US | released / listed |

**EPCRA 311/312 (Hazard categories):** Acute;

**NFPA Hazard codes:**
Health : 3 Fire: 1 Reactivity: 0 Special:

## 16. Other Information

### DISCLAIMER OF RESPONSIBILITY

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

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