



Revision Date: 11-Sep-2024

# Safety Data Sheet

## Spartan Chemical Company, Inc.

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name:** BIORENEWABLES GLASS CLEANER  
**Product Code:** 3835 , 3835I  
**Recommended Use:** Cleaning agent  
**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
www.spartanchemical.com

**24 Hour Emergency Phone**

**Numbers:**

**Medical Emergency/Information:** 888-314-6171  
**Transportation/Spill/Leak:** CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

Serious eye damage/eye irritation: Category 2B

**Label elements**

**Signal word:** **Warning**  
**Symbols:** None  
**Hazard statements:** Causes eye irritation

**Precautionary Statements - Prevention:** Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.  
**-Specific Treatment:** See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**Precautionary Statements - Storage:** Not applicable.

**Precautionary Statements - Disposal:** Not applicable

**Hazards not otherwise classified (HNOC):** Not applicable

**Other hazards:**

- May be harmful if swallowed
- May cause skin irritation.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Water	7732-18-5	80-100

Caprylyl/Capryl Glucoside	68515-73-1	1-5
Cocamidopropyl Hydroxysultaine	68139-30-0	1-5
Lauryl Glucoside	110615-47-9	1-5
Sodium Carbonate	497-19-8	0.1-1
Citric Acid	77-92-9	0.1-1
Ethylene Brassylate	105-95-3	<0.1
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	<0.1
Fragrance	PROPRIETARY	<0.1
Colorant	PROPRIETARY	<0.1
Methylchloroisothiazolinone	26172-55-4	<0.1
Methylisothiazolinone	2682-20-4	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

<b>Eye contact:</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
<b>Skin contact:</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.
<b>Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or physician if you feel unwell.
<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
<b>Note to physicians:</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire.
<b>Specific Hazards Arising from the Chemical:</b>	Dried product is capable of burning. Combustion products are toxic.
<b>Hazardous Combustion Products:</b>	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
<b>Protective Equipment and Precautions for Firefighters:</b>	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
<b>Environmental Precautions:</b>	Do not rinse spill onto the ground, into storm sewers or bodies of water.
<b>Methods for cleaning up:</b>	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

#### 7. HANDLING AND STORAGE

<b>Advice on safe handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
<b>Storage Conditions:</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep from freezing.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Occupational Exposure Limits:</b>	None established
<b>Engineering Controls:</b>	Provide good general ventilation.

If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection:</b>	Not required with expected use.
<b>Skin and body protection:</b>	Not required with expected use.
<b>Respiratory protection:</b>	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
<b>General hygiene considerations:</b>	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state:</b>	Liquid
<b>Color:</b>	Blue
<b>Odor:</b>	Pleasant
<b>Odor Threshold:</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>pH:</b>	8.0-9.0 (Undiluted) / 7.0-8.0 (Diluted 1:64)	
<b>Melting Point / Freezing Point:</b>	No data available	
<b>Boiling Point / Boiling Range:</b>	100 °C / 212 °F	
<b>Flash Point:</b>	> 100 °C / 212 °F	ASTM D56
<b>Evaporation Rate:</b>	< 1	(BuAc = 1)
<b>Flammability (solid, gas):</b>	No data available	No information available
<b>Flammability Limits in Air:</b>		No information available
<b>Upper Flammability Limit:</b>	No data available	
<b>Lower Flammability Limit:</b>	No data available	
<b>Vapor Pressure:</b>	No data available	No information available
<b>Vapor Density:</b>	No data available	No information available
<b>Relative Density:</b>	1.017	
<b>Solubility(ies):</b>	Soluble in water	
<b>Partition Coefficient:</b>	No data available	No information available
<b>Autoignition Temperature:</b>	Not applicable	
<b>Decomposition Temperature:</b>	Not applicable	
<b>Kinematic Viscosity:</b>	No information available	No information available
<b>Particle characteristics:</b>	Not applicable	

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This material is considered to be non-reactive under normal conditions of use.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Not expected to occur with normal handling and storage.
<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight
<b>Incompatible materials:</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous decomposition products:</b>	May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eyes, Skin, Ingestion, Inhalation.
<b>Symptoms of Exposure:</b>	
<b>Eye contact:</b>	Pain, redness and swelling of the conjunctiva.
<b>Skin contact:</b>	Drying of the skin.
<b>Inhalation:</b>	Nasal discomfort and coughing.
<b>Ingestion:</b>	Pain, nausea, vomiting and diarrhea.

**Immediate, Delayed, Chronic Effects**

Product Information: Data not available or insufficient for classification.

**Acute toxicity**

**Numerical measures of toxicity:** Based on available data, the classification criteria are not met

**Component Information:**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Sodium Carbonate 497-19-8	= 4090 mg/kg ( Rat )	-	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h
Citric Acid 77-92-9	= 3 g/kg ( Rat )	-	-
2,6-Dimethyl-7-Octen-2-ol 18479-58-8	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Methylchloroisothiazolinone 26172-55-4	= 481 mg/kg ( Rat )	-	= 1.23 mg/L ( Rat ) 4 h

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Carbonate 497-19-8	-	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static	-	265: 48 h Daphnia magna mg/L EC50
Citric Acid 77-92-9	-	1516: 96 h Lepomis macrochirus mg/L LC50 static	-	-
Methylchloroisothiazolinone 26172-55-4	0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	-	4.71: 48 h Daphnia magna mg/L EC50 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static

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

**Bioaccumulation:** No information available.

**Mobility in Soil:** No information available

**Other adverse effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues/unused products:** Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging:** Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT:** Not Regulated  
**Proper Shipping Name:** Non Hazardous Product

**Special Provisions:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

**IMDG:** Not Regulated  
**Proper Shipping Name:** Non-Hazardous Product

## 15. REGULATORY INFORMATION

### TSCA (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### SARA 313

This product does not contain listed substances above the "de minimus" level

### SARA 311/312 Hazard Categories

Acute health hazard:	Yes
Chronic Health Hazard:	No
Fire hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

### California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health hazards:</b> 1	<b>Flammability:</b> 0	<b>Instability:</b> 0	<b>Special hazards:</b> -
<b>HMIS</b>	<b>Health hazards:</b> 1	<b>Flammability:</b> 0	<b>Physical hazards:</b> 0	

**Revision Date:** 11-Sep-2024  
**Revision Note:** Section, 3, 4, 6, 9

### Disclaimer:

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