



Revision Date: 08-Jan-2025

# Safety Data Sheet

## Spartan Chemical Company, Inc.

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name:** GLASS CLEANER (BULK)  
**Product Code:** 3030 , 3261  
**Recommended Use:** Glass cleaner  
**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**

Flammable liquids Category 4

**Label elements**

**Signal word:** Warning  
**Symbols:** None  
**Physical hazards:** Combustible liquid

**Precautionary Statements - Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
Wear protective gloves/eye protection/face protection

**Precautionary Statements - Response:**  
**-Specific Treatment:** See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**Fire:** In case of fire: Use CO2, dry chemical, or foam for extinction  
**Precautionary Statements - Storage:** Store in a well-ventilated place.  
**Precautionary Statements - Disposal:** Dispose of contents and container in accordance with local, state and federal regulations.

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

**Other hazards:**

- May be harmful if swallowed
- May cause skin irritation.
- May cause eye 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
Isopropyl Alcohol	67-63-0	1-5
Sodium Sesquicarbonate	533-96-0	0.1-1
Caprylyl/Capryl Glucoside	68515-73-1	<0.1
Lauryl Glucoside	110615-47-9	<0.1
Sodium Myristoyl Sarcosinate	30364-51-3	<0.1
Secondary Alcohol Ethoxylate	84133-50-6	<0.1
Ammonium Hydroxide	1336-21-6	<0.1
Fragrance	PROPRIETARY	<0.1
CI 74180	1330-38-7	<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 several 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 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>	Water spray (fog). Alcohol resistant foam. Carbon dioxide. Move containers from fire area if you can do it without risk.
<b>Specific Hazards Arising from the Chemical:</b>	Vapors may travel to areas away from work site before igniting/flashing back to vapor source.
<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>	Remove all sources of ignition. 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 away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Isopropyl Alcohol 67-63-0	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
CI 74180 1330-38-7	TWA: 1 mg/m <sup>3</sup> Cu dust and mist	-	IDLH: 100 mg/m <sup>3</sup> Cu dust and mist TWA: 1 mg/m <sup>3</sup> Cu dust and mist

**Engineering Controls:**

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****Eye/face protection:**

Wear splash goggles.

**Skin and body protection:**

Wear rubber or other chemical-resistant gloves.

**Respiratory protection:**

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.

**General hygiene considerations:**

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>	Clear Blue
<b>Odor:</b>	Floral fragrance
<b>Odor Threshold:</b>	No information available

**Property****Values****Remarks • Method**

<b>pH:</b>	10.0-11.0	
<b>Melting Point / Freezing Point:</b>	No data available	
<b>Boiling Point / Boiling Range:</b>	> 66 °C / 151 °F	
<b>Flash Point:</b>	66 °C / 151 °F	Pensky-Martens Closed Cup (PMCC)
<b>Evaporation Rate:</b>	< 1	(Butyl acetate = 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>	0.991	
<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

**Reactivity:**

This material is considered to be non-reactive under normal conditions of use.

**Chemical stability:**

Stable under normal conditions.

**Possibility of hazardous reactions:**

Not expected to occur with normal handling and storage.

**Conditions to Avoid:**

Extremes of temperature and direct sunlight

**Incompatible materials:** Strong oxidizing agents. Strong acids.

**Hazardous decomposition products:** May include carbon monoxide, carbon dioxide (CO<sub>2</sub>) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Eyes, Skin, Ingestion, Inhalation.

**Symptoms of Exposure:**

**Eye contact:** Pain and redness.

**Skin contact:** Drying of the skin.

**Inhalation:** Nasal discomfort and coughing.

**Ingestion:** Pain, nausea, vomiting and diarrhea.

### Immediate, Delayed, Chronic Effects

**Product Information:** Data not available or insufficient for classification.

**Target organ effects:** Eyes. Respiratory system. Skin.

### Acute toxicity

#### Numerical measures of toxicity:

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 93,928.50 mg/kg

ATEmix (dermal) 203,880.00 mg/kg

ATEmix (inhalation-dust/mist) 3,646.60 mg/l

#### Component Information:

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Isopropyl Alcohol 67-63-0	4710 - 5840 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	> 10000 ppm ( Rat ) 6 h
Caprylyl/Capryl Glucoside 68515-73-1	-	> 2000 mg/kg ( Rabbit )	-
Lauryl Glucoside 110615-47-9	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Sodium Myristoyl Sarcosinate 30364-51-3	-	> 2000 mg/kg ( Rat )	-
Secondary Alcohol Ethoxylate 84133-50-6	= 2100 mg/kg ( Rat )	-	-
Ammonium Hydroxide 1336-21-6	= 350 mg/kg ( Rat )	-	-
CI 74180 1330-38-7	> 5 g/kg ( Rat )	-	-
Methylchlorisothiazolinone 26172-55-4	= 481 mg/kg ( Rat )	-	= 1.23 mg/L ( Rat ) 4 h
Methylisothiazolinone 2682-20-4	232 - 249 mg/kg ( Rat ) = 120 mg/kg ( Rat )	= 200 mg/kg ( Rabbit )	= 0.11 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
Isopropyl Alcohol 67-63-0	EC50: >1000mg/L (96h, Desmodesmus subspicatus) EC50: >1000mg/L (72h, Desmodesmus	LC50: =9640mg/L (96h, Pimephales promelas) LC50: =11130mg/L (96h, Pimephales promelas) LC50: >1400000µg/L	-	EC50: =13299mg/L (48h, Daphnia magna)

	subspicatus)	(96h, Lepomis macrochirus)		
Caprylyl/Capryl Glucoside 68515-73-1	-	LC50: =170mg/L (96h, Danio rerio)	-	-
Secondary Alcohol Ethoxylate 84133-50-6	-	LC50: =3.2mg/L (96h, Pimephales promelas)	-	EC50: =3.2mg/L (48h, water flea)
Ammonium Hydroxide 1336-21-6	-	LC50: =8.2mg/L (96h, Pimephales promelas)	-	EC50: =0.66mg/L (48h, water flea) EC50: =0.66mg/L (48h, Daphnia pulex)
Methylchloroisothiazolinone 26172-55-4	EC50: 0.11 - 0.16mg/L (72h, Pseudokirchneriella subcapitata) EC50: 0.03 - 0.13mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =1.6mg/L (96h, Oncorhynchus mykiss)	-	EC50: =4.71mg/L (48h, Daphnia magna) EC50: 0.12 - 0.3mg/L (48h, Daphnia magna) EC50: 0.71 - 0.99mg/L (48h, Daphnia magna)

**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:** This product qualifies for exemptions outlined in 49CFR 170.150(e)2. Aqueous solutions of alcohol containing 24% or less alcohol by volume and no other hazardous material is not subject to the requirements of the Class 3 Flammable Liquids subchapter if it contains no less than 50% water.  
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

<b>Acute health hazard:</b>	Yes
<b>Chronic Health Hazard:</b>	No
<b>Fire hazard:</b>	Yes
<b>Sudden release of pressure hazard:</b>	No
<b>Reactive Hazard:</b>	No

**California Proposition 65**

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

**16. OTHER INFORMATION****NFPA****HMIS**

Health hazards: 1

Health hazards: 1

Flammability: 2

Flammability: 2

Instability: 0

Physical hazards: 0

Special hazards: -

Revision Date:

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Revision Note:

Section, 3, 7, 9, 11, 12

**Disclaimer:**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**