



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 17-Mar-2020

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name:** CONCENTRATED WINDOW CLEANER  
**Product Number:** 3060 ,3061  
**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](http://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**

Skin Corrosion/Irritation: Category 2  
Serious Eye Damage/Eye Irritation: Category 2A  
Flammable Liquids: Category 3

#### **GHS Label Elements**

**Signal Word:**

**Symbols:**

#### **Warning**



**Hazard Statements:**

Causes skin irritation.  
Causes serious eye irritation  
Flammable liquid and vapor.

#### **Precautionary Statements:**

**Prevention:**

Wash hands and any exposed skin thoroughly after handling.  
Wear protective gloves  
Wear eye / face protection  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground container and receiving equipment.  
Use explosion-proof electrical equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge

**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 attention.

<b>-Skin</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.
<b>-Specific Treatment:</b>	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
<b>Fire:</b>	In case of fire: Use CO <sub>2</sub> , dry chemical, or foam for extinction
<b>Storage:</b>	Store in a well-ventilated place. Keep cool
<b>Disposal:</b>	Dispose of contents and container in accordance with local, state and federal regulations.
<b>Hazards Not Otherwise Classified:</b>	Not Applicable
<b>Other Information:</b>	<ul style="list-style-type: none"> <li>• May be harmful if swallowed.</li> <li>• Inhalation of vapors or mist may cause respiratory irritation.</li> <li>• Keep out of reach of children.</li> </ul>

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Isopropyl Alcohol	67-63-0	10-30
Acetic Acid	64-19-7	1-5
Sodium Laureth Sulfate	9004-82-4	0.1-1
Caprylyl/Capryl Glucoside	68515-73-1	0.1-1
Lauryl Glucoside	110615-47-9	0.1-1
Fragrance	PROPRIETARY	<0.1
Phenethyl Alcohol	60-12-8	<0.1
Hexyl Cinnamal	101-86-0	<0.1
Benzyl Salicylate	118-58-1	<0.1
Benzyl Acetate	140-11-4	<0.1
Tetrahydrolinalool	78-69-3	<0.1
Limonene	5989-27-5	<0.1
Linalyl Acetate	115-95-7	<0.1
Acid Blue 1	129-17-9	<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>	Take off immediately all contaminated clothing and shoes. Rinse with water or shower. If skin irritation occurs: Get medical attention. Wash contaminated clothing before reuse.
<b>-Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control 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>	CO <sub>2</sub> , dry chemical, dry sand, alcohol-resistant foam, Move containers from fire area if you can do it without risk
<b>Specific Hazards Arising from the Chemical:</b>	flammable. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
<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. Use personal protective equipment as required. Stop leak if you can do it without risk. All equipment used when handling the product must be grounded.
<b>Environmental Precautions:</b>	Do not rinse spill onto the ground, into storm sewers or bodies of water.
<b>Methods for Clean-Up:</b>	Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material.

## 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).
<b>Suggested Shelf Life:</b>	Minimum of 2 years from date of manufacture.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 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>
Acetic Acid 64-19-7	STEL: 15 ppm TWA: 10 ppm	TWA: 10 ppm TWA: 25 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 25 mg/m <sup>3</sup>	IDLH: 50 ppm TWA: 10 ppm TWA: 25 mg/m <sup>3</sup> STEL: 15 ppm STEL: 37 mg/m <sup>3</sup>
Benzyl Acetate 140-11-4	TWA: 10 ppm	-	-

<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.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection:</b>	Wear splash goggles.
<b>Skin and Body Protection:</b>	Wear rubber or other chemical-resistant gloves.
<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

<b>Appearance/Physical State:</b>	Liquid
<b>Color:</b>	Light blue
<b>Odor:</b>	Floral fragrance
<b>pH:</b>	2.0-3.0
<b>Melting Point / Freezing Point:</b>	No information available.
<b>Boiling Point / Boiling Range:</b>	94 °C / 201 °F
<b>Flash Point:</b>	30 °C / 86 °F ASTM D56
<b>Evaporation Rate:</b>	< 1 (Butyl acetate = 1)
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper Flammability Limit:</b>	No information available.
<b>Lower Flammability Limit:</b>	No information available.
<b>Vapor Pressure:</b>	No information available.
<b>Vapor Density:</b>	No information available.
<b>Specific Gravity:</b>	0.97
<b>Solubility(ies):</b>	Soluble in water
<b>Partition Coefficient:</b>	No information available.
<b>Autoignition Temperature:</b>	No information available.
<b>Decomposition Temperature:</b>	No information available.
<b>Viscosity:</b>	No information available.

## 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>	Heat, flames and sparks. Extremes of temperature and direct sunlight. Take precautionary measures against static discharges.
<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, swelling of the conjunctiva and blurred vision.
<b>-Skin Contact:</b>	Pain, redness and cracking of the skin.
<b>-Inhalation:</b>	Nasal discomfort and coughing.
<b>-Ingestion:</b>	Pain, nausea, vomiting and diarrhea.
<b>Immediate, Delayed, Chronic Effects</b>	
<b>Product Information:</b>	Data not available or insufficient for classification.
<b>Chronic Toxicity:</b>	Avoid repeated exposure.
<b>Target Organ Effects:</b>	-Eyes. Respiratory System. -Skin. Teeth.
<b>Numerical Measures of Toxicity</b>	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	
ATEmix (oral):	8630 mg/kg
ATEmix (dermal):	12936 mg/kg
ATEmix (inhalation-dust/mist):	186.5 mg/l

### Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	Not Available	Not Available
Isopropyl Alcohol 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h
Acetic Acid 64-19-7	= 3310 mg/kg ( Rat )	= 1060 mg/kg ( Rabbit )	= 11.4 mg/L ( Rat ) 4 h

Sodium Laureth Sulfate 9004-82-4	= 1600 mg/kg ( Rat )	Not Available	Not Available
Phenethyl Alcohol 60-12-8	= 1609 mg/kg ( Rat )	= 2535 mg/kg ( Rabbit )	> 4.63 mg/L ( Rat ) 4 h
Hexyl Cinnamal 101-86-0	= 3100 mg/kg ( Rat )	> 3000 mg/kg ( Rabbit )	> 5 mg/L ( Rat ) 4 h
Benzyl Salicylate 118-58-1	= 2227 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available
Benzyl Acetate 140-11-4	= 2490 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available
Tetrahydrolinool 78-69-3	> 5 g/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available
Limonene 5989-27-5	= 5200 mg/kg ( Rat ) = 4400 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Linalyl Acetate 115-95-7	= 14550 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Isopropyl Alcohol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50	Not Available	13299: 48 h Daphnia magna mg/L EC50
Acetic Acid 64-19-7	Not Available	79: 96 h Pimephales promelas mg/L LC50 static 75: 96 h Lepomis macrochirus mg/L LC50 static	Not Available	65: 48 h Daphnia magna mg/L EC50 Static
Phenethyl Alcohol 60-12-8	490: 72 h Desmodesmus subspicatus mg/L EC50	Not Available	Not Available	287.17: 48 h Daphnia magna mg/L EC50
Limonene 5989-27-5	Not Available	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	Not Available	Not Available

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

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes:** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

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

**US EPA Waste Number:** D001, D002

## 14. TRANSPORT INFORMATION

**DOT:**

**UN/ID No:** UN1993

**Proper Shipping Name:** Flammable liquids, n.o.s., (contains isopropanol)

**Hazard Class:** 3

**Packing Group:** III

**Special Provisions:** Class 3, Packing Group III materials meet the exception requirements of section 49 CFR 173.150 when individual containers of not more than 1.3 gallons are packed in a strong outer packaging and ground transportation is utilized. Such containers may be reclassified as "Limited Quantity".  
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:**

**UN/ID No:** UN1993  
**Proper Shipping Name:** Flammable liquids, n.o.s., (contains isopropanol)  
**Hazard Class:** 3  
**Packing Group:** III

## 15. REGULATORY INFORMATION

**TSCA Status:** (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 contains the following listed substances:

**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

<b>NFPA</b>	<b>Health Hazards:</b> 2	<b>Flammability:</b> 3	<b>Instability:</b> 0	<b>Special:</b> N/A
<b>HMIS</b>	<b>Health Hazards:</b> 2	<b>Flammability:</b> 3	<b>Physical Hazards:</b> 0	

**Revision Date:** 17-Mar-2020  
**Reasons for Revision:** Section, 11

**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**