



Revision Date: 01-Dec-2025

Safety Data Sheet

Spartan Chemical Company, Inc.

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: CONCENTRATED WINDOW CLEANER
Product Code: 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

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

Label elements

Signal word:

Symbols:

Warning



Hazard statements: Causes serious eye irritation
Causes skin irritation
Physical hazards: Flammable liquid and vapor

Precautionary Statements - Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep container tightly closed
Ground and bond container and receiving equipment
Use explosion-proof electrical, ventilating and lighting equipment
Use non-sparking tools
Take action to prevent static discharges
Wear protective gloves/clothing and eye/face protection
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

Skin:	advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Take off contaminated clothing and wash it before reuse.
-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. Keep cool.
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:	<ul style="list-style-type: none"> • May be harmful if swallowed • 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	60-80
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
Hexyl Cinnamal	101-86-0	<0.1
Phenethyl Alcohol	60-12-8	<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
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

Eye contact:	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.
Skin contact:	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention.
Inhalation:	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.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
Note to physicians:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Dry chemical. Water spray (fog). Alcohol resistant foam. Carbon dioxide. Move containers from fire area if you can do it without risk.
Specific Hazards Arising from the Chemical:	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). Vapors may travel to areas away from work site before igniting/flashing back to vapor source.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

Protective Equipment and Precautions for Firefighters:

Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Remove all sources of ignition. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental Precautions:

Do not rinse spill onto the ground, into storm sewers or bodies of water.

Methods for cleaning up:

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

Advice on safe handling:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Storage Conditions:

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 ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³
Acetic Acid 64-19-7	TWA: 10 ppm STEL: 15 ppm	TWA: 10 ppm TWA: 25 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 25 mg/m ³	IDLH: 50 ppm TWA: 10 ppm TWA: 25 mg/m ³ STEL: 15 ppm STEL: 37 mg/m ³
Phenethyl Alcohol 60-12-8	TWA: 0.5 ppm Sk*	-	-
Benzyl Acetate 140-11-4	TWA: 10 ppm	-	-

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**Physical state:**

Liquid

Color:

Light blue

Odor:

Floral fragrance

Odor Threshold: No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	3.1-3.6	
Melting Point / Freezing Point:	No data available	
Boiling Point / Boiling Range:	94 °C / 201 °F	
Flash Point:	30 °C / 86 °F	ASTM D56
Evaporation Rate:	< 1	(Butyl acetate = 1)
Flammability (solid, gas):	No data available	No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:	No data available	
Lower Flammability Limit:	No data available	
Vapor Pressure:	No data available	No information available
Vapor Density:	No data available	No information available
Relative Density:	0.97	
Solubility(ies):	Soluble in water	
Partition Coefficient:	No data available	No information available
Autoignition Temperature:	Not applicable	
Decomposition Temperature:	Not applicable	
Kinematic Viscosity:	No information available	No information available
Particle characteristics:	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 (CO₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:
 Eye contact: Pain, redness, swelling of the conjunctiva and blurred vision.
 Skin contact: Pain, redness and cracking 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. Teeth.

Acute toxicity

Numerical measures of toxicity:

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

ATEmix (oral)	19,446.00 mg/kg
ATEmix (dermal)	12,936.00 mg/kg
ATEmix (inhalation-vapor)	150.60 mg/l
ATEmix (inhalation-dust/mist)	306.50 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
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)	-	-
Caprylyl/Capryl Glucoside 68515-73-1	-	> 2000 mg/kg (Rabbit)	-
Lauryl Glucoside 110615-47-9	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Hexyl Cinnamal 101-86-0	= 3100 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h
Phenethyl Alcohol 60-12-8	= 1609 mg/kg (Rat)	= 2535 mg/kg (Rabbit)	> 4.63 mg/L (Rat) 4 h
Benzyl Salicylate 118-58-1	= 2227 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Benzyl Acetate 140-11-4	= 2490 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Tetrahydrolinalool 78-69-3	> 8270 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Limonene 5989-27-5	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-

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, <i>Desmodesmus subspicatus</i>) EC50: >1000mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: =9640mg/L (96h, <i>Pimephales promelas</i>) LC50: =11130mg/L (96h, <i>Pimephales promelas</i>) LC50: >1400000µg/L (96h, <i>Lepomis macrochirus</i>)	-	EC50: =13299mg/L (48h, <i>Daphnia magna</i>)
Acetic Acid 64-19-7	-	LC50: =79mg/L (96h, <i>Pimephales promelas</i>) LC50: =75mg/L (96h, <i>Lepomis macrochirus</i>)	-	EC50: =65mg/L (48h, <i>Daphnia magna</i>)
Caprylyl/Capryl Glucoside 68515-73-1	-	LC50: =170mg/L (96h, <i>Danio rerio</i>)	-	-
Phenethyl Alcohol 60-12-8	EC50: =490mg/L (72h, <i>Desmodesmus subspicatus</i>)	-	-	EC50: =287.17mg/L (48h, <i>Daphnia magna</i>)
Benzyl Salicylate 118-58-1	-	LC50: =1.03mg/L (96h, <i>Danio rerio</i>)	-	-
Tetrahydrolinalool 78-69-3	-	LC50: =8.9mg/L (96h, <i>Danio rerio</i>)	-	-
Limonene 5989-27-5	-	LC50: 0.619 - 0.796mg/L (96h, <i>Pimephales promelas</i>) LC50: =35mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	-

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: 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.

14. TRANSPORT INFORMATION

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 number or ID number: UN1993
Proper Shipping Name: Flammable liquids, n.o.s., (contains isopropanol)
Hazard Class: 3
Packing Group: III

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:	Yes
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

NFPA	Health hazards: 2	Flammability: 3	Instability: 0	Special hazards: -
HMIS	Health hazards: 2	Flammability: 3	Physical hazards: 0	

Revision Date: 01-Dec-2025
Revision Note: Section, 2, 3, 5, 7, 9, 11, 12, 13

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