



# Spartan Chemical Company, Inc.

## WHMIS Safety Data Sheet

Revision Date: 15-May-2025

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name:** CLEAN BY PEROXY  
**Product Code:** 0035C  
**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  
888-314-6171  
Canadian Agent: Robertson, Hill & McDougal, LLP  
340 Albert Street, Suite 1400  
Ottawa, ON, Canada K1R 0A5

**Medical Emergency/Information:**

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

Skin corrosion/irritation: Category 2  
Serious eye damage/eye irritation: Category 2A

**Label elements**

**Signal word:**

**Warning**

**Symbols:**



**Hazard statements:** Causes skin irritation  
Causes serious eye irritation

**Precautionary Statements - Prevention:** Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Wear protective gloves

**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 advice/attention.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**-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

- 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
Undeceth-3	34398-01-1	1-5
Hydrogen Peroxide	7722-84-1	1-5
C9-11 Alcohols Ethoxylated	68439-46-3	1-5
3-Isodecyloxypropanamine Chloride Ethoxylated	68478-94-4	1-5
Citric Acid	77-92-9	0.1-1
Acid Blue 80	4474-24-2	<0.1
Fragrance	PROPRIETARY	<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 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>	Combustion products are toxic. Releases oxygen when heated to decomposition which may intensify fire.
<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. Do not freeze.
<b>Incompatible materials</b>	Sodium hypochlorite (or other hypochlorites). Metals

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>

### Appropriate engineering controls

#### 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:	Pleasant
Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>	<u>Method</u>
pH Range:	Undiluted: 2.0-3.0 / Diluted 1:64: 3.0-5.5	
Melting Point / Freezing Point:	No data available	
Boiling Point / Boiling Range:	100 °C / 212 °F	
Flash Point:	> 100 °C / 212 °F	ASTM D56
Evaporation Rate:	< 1	(BuAc = 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:	1.016	
Solubility(ies):	No data available	No information available
Partition Coefficient:	No data available	No information available
Autoignition Temperature:	Not applicable	
Decomposition Temperature:	No data available	
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 (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, redness and swelling of the conjunctiva.  
**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.

### Acute toxicity

#### **Numerical measures of toxicity:**

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

ATEmix (oral) 8,069.00 mg/kg  
 ATEmix (inhalation-dust/mist) 66.00 mg/l

#### **Component Information:**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Hydrogen Peroxide 7722-84-1	= 1518 mg/kg ( Rat )	= 9200 mg/kg ( Rabbit )	= 2000 mg/m <sup>3</sup> ( Rat ) 4 h
C9-11 Alcohols Ethoxylated 68439-46-3	= 1400 mg/kg ( Rat )	-	-
Citric Acid 77-92-9	= 3 g/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Acid Blue 80 4474-24-2	= 3350 mg/kg ( Rat )	-	-

**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
Hydrogen Peroxide 7722-84-1	-	LC50: =16.4mg/L (96h, Pimephales promelas) LC50: 18 - 56mg/L (96h, Lepomis macrochirus) LC50: 10.0 - 32.0mg/L (96h, Oncorhynchus mykiss)	-	EC50: 18 - 32mg/L (48h, Daphnia magna)
Citric Acid 77-92-9	-	LC50: =1516mg/L (96h, Lepomis macrochirus)	-	-

**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

**TDG / 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

**DSL / NDSL Status:** (Domestic Substances List / Non-Domestic Substances List)  
 The chemical substances in this product are included on or exempt from listing on the Canadian DSL / NDSL.

**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>	No
<b>Sudden release of pressure hazard:</b>	No
<b>Reactive Hazard:</b>	No

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health hazards: 2</b>	<b>Flammability: 0</b>	<b>Instability: 1</b>	<b>Special hazards: -</b>
<b>HMIS</b>	<b>Health hazards: 2</b>	<b>Flammability: 0</b>	<b>Physical hazards: 1</b>	

**Revision Date:** 15-May-2025

**Revision Note:** Section, 3, 11

**Disclaimer:**

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**End of Safety Data Sheet**