



Revision Date: 16-Apr-2026

Safety Data Sheet

Spartan Chemical Company, Inc.

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: PAA SANITIZER
Product Code: 3127
Recommended Use: No Rinse Sanitizer Disinfectant
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

Acute toxicity - Oral: Category 4
Skin corrosion/irritation: Category 1
Serious eye damage/eye irritation: Category 1
Oxidizing liquids: Category 2
Organic peroxides: Type F
Corrosive to metals: Category 1

Label elements

Signal word:

Symbols:



Hazard statements: Causes severe skin burns and eye damage
Harmful if swallowed

Physical hazards: May intensify fire; oxidizer
Heating may cause a fire
May be corrosive to metals

Precautionary Statements - Prevention:

Do not breathe dusts or mists
Wear protective gloves/clothing and eye/face protection
Wash face, hands and any exposed skin thoroughly after handling
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep/Store away from clothing and other combustible materials
Keep only in original packaging
Keep cool
Ground and bond container and receiving equipment

Precautionary Statements - Response:	IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
Eyes:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse.
Inhalation:	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Ingestion:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
-Specific Treatment:	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
Fire:	Use water. Do not use dry chemicals or foams. CO ₂ or Halon may provide limited control
Spill:	Absorb spillage to prevent material damage
Precautionary Statements - Storage:	Store locked up. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store in corrosion resistant container with a resistant inner liner. Store at temperatures not exceeding 39 °C/ 102 °F. Store separately.
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"> • Corrosive • Harmful if swallowed • Do not mix with hypochlorite-type bleach or other household chemicals as hazardous vapors or gases may be produced. • NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. • Contains hydrogen peroxide. Ingestion may result in distention of esophagus and stomach. • Keep out of reach of children

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Water	7732-18-5	45-70
Hydrogen Peroxide	7722-84-1	10-30
Peroxyacetic Acid	79-21-0	3-7
Acetic Acid	64-19-7	3-7

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. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
Skin contact:	Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Wash contaminated clothing before reuse. Discard or destroy contaminated shoes.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
Ingestion:	Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Never give anything by mouth to an unconscious person.
Note to physicians:	NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Contains hydrogen peroxide. Ingestion may result in distention of esophagus and stomach.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use: Water spray (fog). Carbon dioxide. Foam. Dry chemical. Do not use organic compounds to extinguish fire. Alcohol resistant foam.
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Specific Hazards Arising from the Chemical:	Combustion products are toxic. Releases oxygen when heated to decomposition which may intensify fire. Risk of overpressure and bursting due to decomposition in containers, pipes and other confined spaces. May cause fire in contact with wood, cardboard or other flammable organic materials.
Hazardous Combustion Products:	May include Carbon monoxide and other toxic gases or vapors. On decomposition product releases oxygen which may intensify fire
Protective Equipment and Precautions for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Dilute with plenty of water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	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). Disposal container should not be made of metal. Disposal container must be vented due to possible decomposition and pressure build-up.

7. HANDLING AND STORAGE

Advice on safe handling:	Handle in accordance with good industrial hygiene and safety practice. Do not return product to original container. Do not confine product in unvented containers or between closed valves. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Wash thoroughly after handling.
Storage Conditions:	Store containers upright and tightly closed using vented closures to prevent pressure build-up. Store in a cool, well ventilated area. Elevated temperatures accelerate product decomposition. Keep away from flammable substances. Keep out of the reach of children.
Incompatible materials	Wood, cardboard or other flammable organic materials. Sodium hypochlorite (or other hypochlorites). Metals. 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 ³ (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m ³	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³
Peroxyacetic Acid 79-21-0	STEL: 0.4 ppm inhalable fraction and vapor	-	-
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

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. Eye wash stations and shower facilities should be readily accessible in areas where the product is handled.
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Individual protection measures, such as personal protective equipment

Eye/face protection:	Wear splash goggles. For severe use-conditions, wear a face shield over the goggles.
Skin and body protection:	Wear rubber or other chemical-resistant gloves. Use of impervious apron, boots and other protective equipment should be considered in order to prevent or minimize contact with this product.

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:	Colorless
Odor:	Vinegar odor
Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	< 1.0	
Melting Point / Freezing Point:	No data available	
Boiling Point / Boiling Range:	No information available	
Flash Point:	> 93 °C / 199 °F	
Evaporation Rate:	< 1.0	(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:	1.12	
Solubility(ies):	Soluble in water	
Partition Coefficient:	No data available	No information available
Autoignition Temperature:	> 270 °C / > 518 °F	
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:	Contact with sodium hypochlorite (or other hypochlorites) releases chlorine gas. Contact with metals and organic matter may result in fire and explosion.
Conditions to Avoid:	High temperature accelerates decomposition of product. Use of product in unvented systems (sealed pipes, containers and other confined spaces) risks overpressure and bursting due to decomposition.
Incompatible materials:	Wood, cardboard or other flammable organic materials. Sodium hypochlorite (or other hypochlorites). Metals.
Hazardous decomposition products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors. Releases oxygen when heated to decomposition which may intensify fire.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
Eye contact:	Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
Skin contact:	Pain, redness, blistering and possible chemical burn.
Inhalation:	Irritation or damage to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.
Ingestion:	Damage or chemical burns to mouth, throat and stomach. Pain, nausea, vomiting and diarrhea. Contains hydrogen peroxide. Ingestion may result in distention of esophagus and

stomach.

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) 4,395.00 mg/kg
ATEmix (dermal) 10,902.00 mg/kg
ATEmix (inhalation-dust/mist) 6.00 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 ³ (Rat) 4 h
Peroxyacetic Acid 79-21-0	= 1540 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 213 mg/m ³ (Rat) 4 h = 186 mg/m ³ (Rat) 4 h
Acetic Acid 64-19-7	= 3310 mg/kg (Rat)	= 1060 mg/kg (Rabbit)	= 11.4 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
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)
Peroxyacetic Acid 79-21-0	-	LC50: =1.1mg/L (96h, Lepomis macrochirus)	-	-
Acetic Acid 64-19-7	-	LC50: =79mg/L (96h, Pimephales promelas) LC50: =75mg/L (96h, Lepomis macrochirus)	-	EC50: =65mg/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.

US EPA Waste Number: D002

14. TRANSPORT INFORMATION

UN/ID No: UN3109
Proper Shipping Name: ORGANIC PEROXIDE TYPE F, LIQUID (Peroxyacetic Acid, type F, stabilized)
Hazard Class: 5.2
Subsidiary Class: 8
Packing Group: II
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:

UN number or ID number: UN3109
Proper Shipping Name: ORGANIC PEROXIDE TYPE F, LIQUID (Peroxyacetic Acid, type F, stabilized)
Hazard Class: 5.2
Packing Group: II
Subsidiary hazard class: 8

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

Peroxyacetic Acid - 79-21-0**SARA 311/312 Hazard Categories**

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

California Proposition 65

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

EPA Pesticide Registration Number: 63838-1-5741

EPA Statement:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label:

DANGER. CORROSIVE: Causes irreversible eye damage and skin burns. Harmful if absorbed through skin, if swallowed or if inhaled. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield, coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and waterproof gloves (Barrier Laminate or Butyl Rubber or Nitrile Rubber or Neoprene Rubber or Natural Rubber or Polyethylene or PVC or Viton, Category A) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

16. OTHER INFORMATION

NFPA	Health hazards: 3	Flammability: 1	Instability: 1	Special hazards: OX
HMIS	Health hazards: 3	Flammability: 1	Physical hazards: 1	

Revision Date: 16-Apr-2026
Revision Note: Section, 2, 5, 14

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