



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
PAA SANITIZER FP
 Product Number: 3139

Product Division:
Janitorial

Spartan Chemical Company, Inc.
 1110 Spartan Drive
 Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990
 Medical Emergency: 1-(888)-314-6171 (24 hours)
 Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: UN 3149, Hydrogen peroxide and peroxyacetic acid mixture, stabilized, 5.1 (8), II

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 1- Slight Reactivity: 1- Slight	Health: 3 - Serious Fire: 1- Slight Reactivity: 1- Slight Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Hydrogen peroxide	25-30	7722-84-1	1.4	Not Established	Not Established	No
Acetic Acid	5-10	64-19-7	25	37	Not Established	No
*Peroxyacetic acid	1-5	79-21-0	Not Established	Not Established	Not Established	No

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point: N/A, decomposition at >140 °F	Vapor Pressure: Undetermined
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 0.6	Specific Gravity (H ₂ O=1): 1.12
Evaporation Rate (but. ace.=1): <1	Percent Solid by Weight < 1
Physical State: Liquid	
Appearance & Odor: Colorless liquid, acrid-stinging odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: Not measurable due to foam. Product decomposes at > 140°F	Method Used: ISO 2719
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Water spray, foam, dry powder, carbon dioxide. Do not use organic compounds to extinguish fire for safety reasons.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Keep away from heat. In case of fire remove endangered containers to a safe place if this can be done safely. Cool fire-exposed containers with water spray. Dilute with water.	
Unusual Fire & Explosive Hazards: Combustion products are toxic. Releases oxygen when burned which may cause fire or explosion. 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	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure- Conditions to Avoid:	CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS: Symptoms may include pain, tissue damage, redness and swelling. Eye contact may cause permanent blindness. May be fatal if inhaled or absorbed through the skin. HARMFUL IF SWALLOWED. Symptoms may include corrosion of mucus membranes and burns to digestive tract. HARMFUL IF INHALED: Inhalation of vapors or mist can cause severe irritation and damage to nose, throat and lungs. Do not get in eyes, skin or clothing. Do not taste or swallow. Do not breathe vapors or spray mist. Wash thoroughly with soap and water after handling .
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.

Emergency & First Aid Procedures :

Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses; if present ; after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes . Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air. If person is not breathing; call 911 or an ambulance then give artificial respiration preferably by mouth-to-mouth; if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Contains hydrogen peroxide. Ingestion may result in distention of the esophagus and stomach.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Metals; metal ions; organic materials; hypochlorites and oxidizable materials
Hazardous Decomposition Products: Oxygen, CO, CO ₂ , H ₂	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled	Stop leak if this can be done without risk. Evacuate personnel to safe areas. Shut off ignition sources- no flames; smoking or spark-producing tools. Keep combustible and organic materials away. Product causes chemical burns. Wear personal protective equipment (see Section VIII). Contain spill with inert material such as sand, chemisorption or diatomaceous earth (do not use textiles; saw dust or other combustible substances). Flush with large amounts of water and transfer to suitable [plastic not metal] containers for disposal. Do not seal defective containers or waste receptacles air tight due to possible decomposition. Never return spilled product into its original container for reuse due to risk of decomposition. Pressure build-up may result in possible container bursting. Keep away from incompatible or flammable substances. Keep spill out of storm sewers and waterways. Spills of this product may be reportable.
Waste Disposal Method:	Dispose of in compliance with all federal state and local laws and regulations. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	If exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved organic vapor / acid gas [OV/AG] full face air purifying respirator or a NIOSH approved self-contained breathing apparatus should be considered. Do not enter an enclosed area without proper respiratory protection.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Neoprene, nitrile rubber or other impermeable gloves are recommended to prevent contact
Eye Protection(Specify Type):	Splash goggles with or without face shield as appropriate are recommended to prevent eye& face contact.
Other Protective Equipment:	Rubber or neoprene footwear and aprons or full protection clothing should be considered to prevent skin contact. Eye wash stations and washing facilities should be readily accessible in areas where product is handled.. See 29 CFR 1910.132-138 for further guidance.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: **Storage Area:** Store away from sources of ignition, heat and direct sunlight. Storage area should be well ventilated and free of materials and debris that could support combustion or other chemical reactions. The flooring where the product is stored should be acid proof, incombustible and impermeable to the product. To prevent rapid decomposition and prolong the useful life of this product, store in a climate controlled area where the temperature can be regulated not to exceed 77° F. A source of water should be available in the storage area to deal with spills, fires or cooling of containers.
Contamination: Do not introduce foreign materials such as organic or alkaline materials, reducing agents

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Contamination: Do not introduce foreign materials such as organic or alkaline materials, reducing agents or heavy metal compounds into product container. No metallic objects or devices should be inserted into the product container. These types of materials may catalyze the decomposition of the product resulting in generation of heat and the formation of oxygen. Release of oxygen may support combustion. Never return unused PAA Sanitizer FP back into the original container.

Equipment: Do not confine PAA Sanitizer FP in piping systems or lines, between valves, or in reaction vessels. Decomposition could cause pressurization of the system and bursting of container or pipes. Transfer systems should include the appropriate means to insure no residual product is left behind. There should always be a pressure release valve or a breathing device within the transfer system.

Drums and Pails: Containers should always be stored in an upright, vertical position. All care should be taken to prevent container tip-over as it would be possible that product could leak from the container through either the venting valve or main bung. Containers should be kept closed using their vented closures to avoid contamination and volatilization to the air. Containers should be inspected periodically for any situations that would warrant additional action.

Refer to The Storage and Handling of PAA Sanitizer FP Informative Bulletin for additional information and guidance.

Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Other Precautions: This product is a strong oxidizing agent Do not allow contact with wood, cardboard or other flammable organic materials as fire may result. Mix only with water. Product must be diluted in accordance with label directions prior to use. Product is not combustible however at temperatures exceeding 156° F decomposition occurs releasing oxygen. This oxygen could initiate combustion. Keep out of reach of children.

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PAA SANITIZER FP

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

Effective Date: 01/09/2012

Changes: General review

Title: Manager, Regulatory Affairs

Supercedes: 05/12/2009

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