



Revision Date: 02-Sep-2021

Safety Data Sheet

Spartan Chemical Company, Inc.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: CARCASS WASH FP
Product Number: 3133
Recommended Use: Antimicrobial solution
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
Acute Toxicity - Dermal: Category 4
Acute toxicity - Inhalation (Dusts/Mists) Category 4
Skin Corrosion/Irritation: Category 1 Sub-category B
Serious Eye Damage/Eye Irritation: Category 1
Specific Target Organ Toxicity (Single Exposure): Category 3
Flammable Liquids: Category 4
Organic Peroxides: Type F

GHS Label Elements

Signal Word:

Symbols:

Danger



Hazard Statements:

Harmful if swallowed.
Harmful in contact with skin
Harmful if inhaled.
Causes severe skin burns and serious eye damage.
May cause respiratory irritation
Combustible liquid
Heating may cause a fire

Precautionary Statements:

Prevention:

Wash hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product

	Wear protective gloves. Wear eye / face protection. Wear protective clothing. Use only outdoors or in a well-ventilated area Do not breathe mist, vapors or spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking Keep cool
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 victim to fresh air and keep at rest in a position 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:	In case of fire, use large quantities of water, Chemical type extinguishers are not very effective
Storage:	Store locked up. Keep cool Store at temperatures not exceeding 80° F. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store away from other materials. Keep containers in an upright position. Self-Accelerating Decomposition Temperature (SADT) >131 °F.
Disposal:	Dispose of contents and container in accordance with local, state and federal regulations.
Hazards Not Otherwise Classified:	Not Applicable
Other Information:	<ul style="list-style-type: none"> • Inhalation of vapors or mist may cause respiratory irritation or damage. • Do not mix with hypochlorite-type bleach or other household chemicals as hazardous vapors or gases may be produced. • Never return this product to the original container after it has been removed. • Contaminants such as dirt, caustic, reducing agents and metals can cause decomposition of product and the release of oxygen. • Keep away from wood, cardboard and other combustible materials. • See product literature for more information on storage and handling. • Keep out of reach of children • 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Acetic Acid	64-19-7	30-60
Water	7732-18-5	10-30
Peroxyacetic Acid	79-21-0	10-30
Hydrogen Peroxide	7722-84-1	3-7
Etidronic Acid	2809-21-4	0.1-1

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. 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.

-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 large quantities of water, Chemical type extinguishers are not very effective
Specific Hazards Arising from the Chemical:	Combustion products are toxic. Releases oxygen when heated to decomposition which may intensify fire. Self-Accelerating Decomposition Temperature (SADT) >131 °F. 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 Carbon dioxide and other toxic gases or vapors. On decomposition product releases oxygen which may intensify fire
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. 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 Clean-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. Do not return spilled product into its original container for re-use due to possible decomposition and pressure build-up. Combustible materials exposed to this product should be immediately rinsed with large amounts of water. Product that is allowed to dry on organic materials such as paper, cardboard, fabrics, cotton, leather or wood, can cause the material to ignite and result in a fire.

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. Do not ship on wooden pallets.
Storage Conditions:	Store containers upright and tightly closed using vented closures to prevent pressure build-up. Store in a cool, well ventilated place. Elevated temperatures accelerate product decomposition. Do not confine product in unvented containers or between closed valves. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Acetic Acid 64-19-7	STEL: 15 ppm TWA: 10 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
Peroxyacetic Acid 79-21-0	STEL: 0.4 ppm inhalable fraction and vapor	-	-
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

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.

Personal Protective Equipment**Eye/Face Protection:**

Wear splash goggles and face shield.

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:

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.

Respirator selection must be made by a technically qualified person who is familiar with the specific work conditions.

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

Appearance/Physical State:	Liquid
Color:	Colorless
Odor:	Pungent
pH:	< 1
Melting Point / Freezing Point:	No information available
Boiling Point / Boiling Range:	109 °C / 228 °F
Flash Point:	80 °C / 176 °F Tag Closed Cup
Evaporation Rate:	< 1 (Butyl acetate = 1)
Flammability (solid, gas)	No information available
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Specific Gravity:	1.12
Solubility(ies):	No information available
Partition Coefficient:	No information available
Autoignition Temperature:	No information available
Decomposition Temperature:	Self-Accelerating Decomposition Temperature(SADT)>131°F
Viscosity:	No information available

10. STABILITY AND REACTIVITY

Reactivity:

No data available

Chemical Stability:

Stable under recommended storage 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. Self-Accelerating Decomposition Temperature (SADT) >131 °F. Use of product in unvented systems (sealed pipes, containers and other confined spaces) risks overpressure and bursting due to decomposition. Heat, flames and sparks.

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.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.
Target Organ Effects:	-Eyes. Respiratory System. -Skin. Teeth.
Numerical Measures of Toxicity	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	

ATEmix (oral):	1810 mg/kg
ATEmix (dermal):	1506 mg/kg
ATEmix (inhalation-dust/mist):	5 mg/l

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetic Acid 64-19-7	= 3310 mg/kg (Rat)	= 1060 mg/kg (Rabbit)	= 11.4 mg/L (Rat) 4 h
Water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
Peroxyacetic Acid 79-21-0	= 1540 mg/kg (Rat)	= 1410 µL/kg (Rabbit)	Not Available
Hydrogen Peroxide 7722-84-1	= 1518 mg/kg (Rat)	= 2000 mg/kg (Rabbit) = 4060 mg/kg (Rat)	= 2 g/m ³ (Rat) 4 h
Etidronic Acid 2809-21-4	= 3130 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	Not Available

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
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
Hydrogen Peroxide 7722-84-1	Not Available	16.4: 96 h Pimephales promelas mg/L LC50 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static	Not Available	18 - 32: 48 h Daphnia magna mg/L EC50 Static
Etidronic Acid 2809-21-4	Not Available	868: 96 h Lepomis macrochirus mg/L LC50	Not Available	527: 48 h Daphnia magna mg/L EC50

		static 360: 96 h Oncorhynchus mykiss mg/L LC50 static		
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Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: 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, D001

14. TRANSPORT INFORMATION

DOT:

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: Do not ship on wooden pallets.

IMDG:

UN/ID No: UN3109

Proper Shipping Name: Organic Peroxide Type F, Liquid, (Peroxyacetic acid, Type F, stabilized)

Hazard Class: 5.2

Subsidiary hazard class: 8

Packing Group: II

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:

Peroxyacetic Acid

CAS No 79-21-0

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: 3	Flammability: 2	Instability: 0	Special: OX
HMIS	Health Hazards: 3	Flammability: 2	Physical Hazards: 2	

Revision Date: 02-Sep-2021
Reasons for Revision: No information available

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