



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 27-Dec-2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: CLOTHESLINE FRESH OXYGEN DETERGENT EP [21]
Product Number: 7021
Recommended Use: Laundry detergent
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

GHS Label Elements

Signal Word:

Symbols:

Warning



Hazard Statements: Causes skin irritation
Causes serious eye irritation

Precautionary Statements:

Prevention: Wash hands and any exposed skin thoroughly after handling.
Wear protective gloves
Wear eye / face protection

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 attention.
-Skin IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage: Not Applicable
Disposal: Not Applicable

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- 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	60-100
C9-11 Alcohols Ethoxylated	68439-46-3	7-13
Hydrogen Peroxide	7722-84-1	3-7
Sodium Laureth Sulfate	68585-34-2	1-5
C12-13 Alcohols Ethoxylated	66455-14-9	1-5
Caprylyl/Capryl Glucoside	68515-73-1	1-5
Anionic Polymer	PROPRIETARY	1-5
Citric Acid	77-92-9	0.1-1
Lauryl Glucoside	110615-47-9	0.1-1
Sodium Caprylyl Sulfonate	5324-84-5	0.1-1
Fragrance	PROPRIETARY	0.1-1
Ethylene Brassylate	105-95-3	<0.1
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	<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 persists, call a physician.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a poison center or physician if you feel unwell.
Note to Physicians:	Contains hydrogen peroxide. Ingestion may result in distention of esophagus and stomach. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray (fog), Carbon dioxide, Foam, Dry chemical. Do not use organic compounds to extinguish fire.
Specific Hazards Arising from the Chemical:	Dried product is capable of burning. Releases oxygen when heated to decomposition which may intensify fire.
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.

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. Disposal container must be vented due to possible decomposition and pressure build-up. Do not return spilled product into its original container for re-use 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. 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 place. Elevated temperatures accelerate product decomposition. Do not confine product in unvented containers or between closed valves.
Incompatible Materials:	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 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.
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

Appearance/Physical State:	Liquid
Color:	Yellow
Odor:	Pleasant
pH:	3.5-4.5
Melting Point / Freezing Point:	No information available
Boiling Point / Boiling Range:	100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F ASTM D56
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:	1.047
Solubility(ies):	Soluble in water
Partition Coefficient:	No information available
Autoignition Temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available

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.
Conditions to Avoid:	High temperature accelerates decomposition of product. Use of product in unvented

Incompatible Materials: systems (sealed pipes, containers and other confined spaces) risks overpressure and bursting due to decomposition.

Hazardous Decomposition Products: Sodium hypochlorite (or other hypochlorites). Metals.
May include carbon monoxide, carbon dioxide (CO₂) 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 blurred vision.
- Skin Contact:** Pain, redness and cracking of the skin.
- Inhalation:** Nasal discomfort and coughing.
- Ingestion:** 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.

Chronic Toxicity: Avoid repeated exposure.
Target Organ Effects: -Eyes. Respiratory System. -Skin.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 6067 mg/kg
ATEmix (dermal): 10527 mg/kg
ATEmix (inhalation-dust/mist): 29.4 mg/l

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
C9-11 Alcohols Ethoxylated 68439-46-3	= 1400 mg/kg (Rat)	Not Available	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
C12-13 Alcohols Ethoxylated 66455-14-9	> 10 g/kg (Rat)	Not Available	Not Available
Citric Acid 77-92-9	= 3 g/kg (Rat)	Not Available	Not Available
2,6-Dimethyl-7-Octen-2-ol 18479-58-8	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	Not Available

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
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
Citric Acid 77-92-9	Not Available	1516: 96 h Lepomis macrochirus mg/L LC50 static	Not Available	Not Available

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.

14. TRANSPORT INFORMATION

DOT: Not Regulated
UN/ID No: 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

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 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:	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.

16. OTHER INFORMATION

NFPA	Health Hazards: 2	Flammability: 0	Instability: 1	Special: N/A
HMIS	Health Hazards: 2	Flammability: 0	Physical Hazards: 1	

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Reasons for Revision: Section, 3, 7, 11

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