



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

CLOTHESLINE FRESH OXYGEN DETERGENT EP [21]

Product Number: 7021

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: Non Hazardous Products

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 1- Slight	Health: 2 - Moderate Fire: 0 - Minimal 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	
Alcohol ethoxylate	10-15	68439-46-3	Not Established	Not Established	Not Established	No
Hydrogen peroxide	5-10	7722-84-1	1.4	Not Established	Not Established	No
Sodium lauryl ether sulfate	1-5	9004-82-4	Not Established	Not Established	Not Established	No
Alcohol ethoxylate	1-5	66455-14-9	Not Established	Not Established	Not Established	No
Anionic polymer	1-5	Proprietary	Not Established	Not Established	Not Established	No
Alkyl polyglucoside	1-5	68515-73-1	Not Established	Not Established	Not Established	No
Citric Acid	1-5	77-92-9	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Undetermined
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 3.5-4.5	Specific Gravity (H ₂ O=1): 1.047
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 25-30
Physical State: Liquid	
Appearance & Odor: Clear yellow liquid with pleasant odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.	
Unusual Fire & Explosive Hazards: Combustion products are toxic. Releases oxygen when burned.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure:	Causes moderate to severe eye irritation : Symptoms may include pain, redness, swelling and tearing.		
Conditions to Avoid:	Causes severe skin irritation : Symptoms may include pain, redness and swelling. May be harmful if swallowed : Symptoms may include nausea, vomiting, pain and diarrhea. Breathing product mist may cause respiratory irritation: Symptoms may include coughing. Avoid contact with eyes, skin or clothing. Avoid breathing product mist. Do not swallow. Wash thoroughly 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:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Remove contaminated clothing. Flush skin with water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. Get medical attention if irritation persists.
Note to Physician: 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, CO2	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Dispose of in compliance with all federal, state and local laws and regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not required with normal usage.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other impervious gloves are recommended when handling undiluted product.
Eye Protection(Specify Type):	Splash goggles are recommended when handling undiluted product.
Other Protective Equipment:	For further reference see 29 CFR 1910.132-138.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Do not use with other chemicals. Mixtures of this product with other chemicals, particularly those containing chlorine (hypochlorite) bleach, may result in the production of toxic gases.
Other Precautions:	Keep out of reach of children

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DETERGENT EP [21]**

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Ref: 29 CFR 1910.1200 (OSHA)

Changes: New Product

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