



Spartan Chemical Company, Inc. Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

CLOTHESLINE FRESH XTREME LAUNDRY SOUR [17]

Product Number: 7017

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: Corrosive liquids, n.o.s., 8, UN 1760, II (Contains phosphoric acid, fluorosilicic acid)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 0 - Minimal Reactivity: 1- Slight	Health: 3 - Serious 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	
Phosphoric acid	5-10	7664-38-2	1	3 (NIOSH)	Not Established	No
Fluorosilicic acid	5-10	16961-83-4	2.5 (as F)	Not Established	Not Established	No
Oxalic acid	1-5	144-62-7	1	2	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: < 1.0	Specific Gravity (H ₂ O=1): 1.110 @ 75 F
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 15-20
Physical State: Liquid	
Appearance & Odor: Clear liquid, mild 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 and may contain hydrofluoric acid. Forms flammable hydrogen gas on contact with most metals.	

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 severe eye damage: Symptoms include chemical burns, pain, redness, tissue destruction and possible blindness. Causes severe skin damage: Symptoms include chemical burns, pain, redness and tissue destruction. May be absorbed through the skin in harmful amounts. Harmful contact may not cause immediate pain. Harmful or fatal if swallowed: Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. Breathing product mist may cause respiratory irritation or damage: Symptoms may include corrosive effects to nose, throat and respiratory system, coughing and difficulty breathing. Inhalation of high concentrations presents a risk of chemical pneumonia and/or pulmonary edema. Symptoms may be delayed for several hours. Contains fluorosilicic acid. Absorption by skin contact, ingestion, inhalation or other means may result in hypocalcemia (possible life threatening lowering of serum calcium) with nervous disorders (tetany) and cardiac arrhythmia. Chronic exposure to fluorosilicic acid can cause bone or dental fluorosis. Do not get in eyes or on skin. Do not get on clothing that is being worn. Do not apply product by spraying. Avoid breathing product mists. Do not swallow. Use with adequate ventilation. 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:		Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:		Remove contaminated clothing and shoes. Flush skin with water for at least 15 minutes . Get medical attention. Wash contaminated clothing before reuse. Destroy contaminated shoes.		
Ingestion:		Get medical attention immediately. Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person.		
Inhalation:		Move person to fresh air. If not breathing; give artificial respiration. If breathing is difficult; give oxygen. Get immediate medical attention.		
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.				

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Concentrated alkali; hypochlorites (chlorine bleach). Attacks silicate containing materials such as glass and cement. Reacts with metals.
Hazardous Decomposition Products:	Hydrogen, Hydrogen fluoride	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Contain spill with inert material and transfer to appropriate container 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 expected to be required with intended use. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Butyl rubber or other impervious gloves are recommended when handling product.
Eye Protection(Specify Type):	Splash goggles are recommended when handling product.
Other Protective Equipment:	Use of impervious apron, face shield and other protective equipment should be considered in order to prevent or minimize contact with this product. Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138 for further guidance.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep container tightly closed and store in a cool place. Keep out of reach of children.
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Other Precautions: Do not mix with other chemicals.

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CLOTHESLINE FRESH XTREME

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LAUNDRY SOUR [17]

Ref: 29 CFR 1910.1200 (OSHA)

Changes: New Product

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