



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

FOAMING ACID CLEANER FP

Product Number: 3081

Product Division:

Janitorial

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

Product/Technical Information: **1-(800) 537-8990**

Medical Emergency: **1-(800) 314-6171 (24 hours)**

Chemical Leak/Spil Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Compounds, cleaning liquid, 8, NA 1760, III, (contains phosphoric acid)

NFPA Ratings:	HMIS Ratings:
Health: 4 - Extreme Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 4 - Extreme Fire: 0 - Minimal Reactivity: 0 - Minimal Pers. Prot. Equip.: B - Safety Glasses; gloves

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			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Phosphoric acid Nonyl phenol ethoxylate	30-35 01-05	7664-38-2 9016-45-9	1 Not Established	3 (NIOSH) Not Established	Not Established Not Established	No 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): 1.21
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 30-35
Physical State: Liquid	
Appearance & Odor: Pale red liquid with a mild odor.	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Not combustible. Extinguish fire using agents suitable for nearby fires.	
Special Fire Fighting Procedures: N/A	
Unusual Fire & Explosive Hazards: Evolves hydrogen on contact with most metals.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes
Effects of Overexposure- Causes severe eye and skin burns. Harmful if swallowed. Inhalation may cause irritation to the throat Conditions to Avoid: and respiratory system. Do not get in eyes, on skin or on clothing. Do not breathe vapor or mist. Do not swallow.	
Conditions Aggravated by Use: Preexisting respiratory; skin and eye conditions.	
Emergency & First Aid Procedures:	
Eyes:	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention immediately.
Skin:	Immediately flush with water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Destroy contaminated shoes.
Ingestion:	If swallowed; immediately drink large quantities of water. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation move person to fresh air. Get medical attention immediately.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Concentrated alkali; hypochlorites (chlorine bleach); aluminum and other reactive metals
Hazardous Decomposition Products: Oxides of phosphorus	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Contain large spills and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with an inert material and dispose in accordance with federal state and local regulations.
Waste Disposal Method: Follow Federal, State and Local regulations.	

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None expected to be required under most conditions. However if PEL is exceeded, use a NIOSH approved respirator with full facemask.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Acid resistant gloves
Eye Protection(Specify Type):	Goggles
Other Protective Equipment:	Under severe conditions, acid resistant aprons and boots are suggested to prevent skin contact.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep from freezing.
Other Precautions:	Keep out of reach of children

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FOAMING ACID CLEANER FP

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Changes: Update Sections II, V and VIII

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