



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

HIGH ACID CLEANER FP

Product Number: 3082

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

Shipping Description: Corrosive liquids, n.o.s., 8, UN 1760, III (contains phosphoric acid)

NFPA Ratings:	HMIS Ratings:
Health: 4 - Extreme Fire: 0 - Minimal Reactivity: 1- Slight	Health: 4 - Extreme 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	30-40	7664-38-2	1	3 (NIOSH)	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): 1.26
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 35-45
Physical State: Liquid	
Appearance & Odor: Pale red liquid with mild odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None to 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: Evolves hydrogen on contact with most metals. Combustion products are toxic.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes, Ingestion
Effects of Overexposure- Conditions to Avoid:	CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS: Symptoms include chemical burns pain, redness, swelling of the conjunctiva, tissue destruction and possible permanent corneal damage. HARMFUL IF SWALLOWED. Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. Aspiration of product into the lungs may occur during ingestion or vomiting, resulting in lung injury. HARMFUL IF INHALED. Breathing spray mist may cause coughing, difficulty breathing and possibly tissue injury. Do not get in eyes, skin or clothing. Do not taste or swallow. Avoid breathing spray mist. Use with adequate ventilation. Wash thoroughly with soap and water 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 plenty of 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:	Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.		
Inhalation:	In case of respiratory irritation move person to fresh air. If not breathing; give artificial respiration. If breathing is difficult; give oxygen. Get immediate medical attention.		

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:	Not expected to be required if good general ventilation is provided. However if exposure limits are exceeded (see Section II) or if respiratory irritation occurs, use of an appropriate NIOSH approved respirator with a full facemask should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Acid resistant gloves
Eye Protection(Specify Type):	Splash goggles
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 from freezing.
Other Precautions:	Keep out of reach of children

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HIGH ACID CLEANER FP

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

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Changes: Update Sections I, II, III, IV, V, VII & VIII

Title: Manager, Regulatory Affairs

Supercedes: 09/17/99

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