



Spartan Chemical Company, Inc.  
Material Safety Data Sheet

N/A 315405

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**ACID SANITIZER FP**  
Product Number: 3154

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, III, (contains phosphoric acid)

| NFPA Ratings:                                                       | HMIS Ratings:                                                                                               |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Health: 3 - Serious<br>Fire: 0 - Minimal<br>Reactivity: 0 - Minimal | Health: 3 - Serious<br>Fire: 0 - Minimal<br>Reactivity: 0 - Minimal<br>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 <sup>3</sup> | STEL mg/m <sup>3</sup> | CEILING mg/m <sup>3</sup> |                              |
| Phosphoric acid                         | 30-35 | 7664-38-2        | 1                     | 3 (NIOSH)              | Not Established           | No                           |
| Dialkyl dimethyl ammonium chloride      | 5-10  | 68424-95-3       | Not Established       | Not Established        | Not Established           | No                           |
| Alkyl dimethyl benzyl ammonium chloride | 1-5   | 68424-85-1       | Not Established       | Not Established        | Not Established           | No                           |
| Nonyl phenol ethoxylate                 | 1-5   | 9016-45-9        | Not Established       | Not Established        | Not Established           | No                           |
| Ethyl alcohol                           | 1-5   | 64-17-5          | 1900                  | Not Established        | Not Established           | No                           |

SECTION III: PHYSICAL DATA

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| Boiling Point: 210 °F                      | Vapor Pressure: Unknown                      |
| Vapor Density (AIR = 1): Unknown           | Solubility in Water: Complete                |
| pH: < 1.0                                  | Specific Gravity (H <sub>2</sub> O=1): 1.171 |
| Evaporation Rate (but.ace.=1): <1          | Percent Solid by Weight: 40-45               |
| Physical State: Liquid                     |                                              |
| Appearance & Odor: Clear liquid, mild odor |                                              |

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

|                                                                                                                                    |                       |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Flash Point: None to 210°F                                                                                                         | Method Used: ASTM-D56 |
| Flammable Limits: Not Established                                                                                                  | Flame Extension: N/A  |
| Extinguishing Media: Dry chemical, Water fog, CO <sub>2</sub> , Foam.                                                              |                       |
| Special Fire Fighting Procedures: Cool fire exposed containers with spray. Wear NIOSH approved self contained breathing apparatus. |                       |
| Unusual Fire & Explosive Hazards: Explosive mixtures can form with air. 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- **CORROSIVE.**

Conditions to Avoid: **CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS:** Symptoms may include pain, redness, swelling and tissue damage. Harmful if absorbed through the skin.  
**HARMFUL IF SWALLOWED.** Symptoms may include nausea, vomiting, pain and diarrhea.  
**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. Wash thoroughly with soap and water after handling. Wear goggles or face shield and rubber gloves and protective clothing when handling. Remove contaminated clothing and wash clothing before reuse.**

Conditions Aggravated by Use: Preexisting respiratory; skin and eye conditions.

**Emergency & First Aid Procedures:**

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses; if present; after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to

Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Inhalation: Move person to fresh air. If person is not breathing; call 911 or an ambulance; then give artificial respiration; preferably mouth to mouth; if possible. Call a poison control center or doctor for further treatment advice.

**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. Store in original container.

Other Precautions: Keep out of reach of children

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**ACID SANITIZER FP**

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Changes: Update Section IX

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