



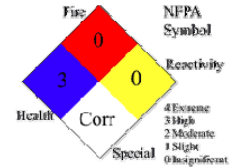
# Acid Wash One

River City Soap Co.

1792 Latham St.

Memphis, TN 38106

Phone: 901-487-6927



**For spill, leak, or Medical Emergency call Infotrac 800-535-5053**

## Section I - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Hydrogen Fluoride CAS# 7664-36-3 Chemical Name: Cleaning Compound, Corrosive	3 ppm	6 ppm	OSHA TWA 3 ppm	Contains Acidic Fluorides

## Section II - Physical/Chemical Characteristics

Boiling Point	> 212° F	Specific Gravity (H <sub>2</sub> O = 1)	1.038
Vapor Pressure (mm Hg.)	Unknown	Melting Point	N/A
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Water = 1)	1
Solubility in Water: Soluble			
Appearance and Odor: Clear, colorless mobile liquid with acidic odor			

## Section III - Fire and Explosion Hazard Data

Flash Point (Method Used) Non-flammable	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media: As appropriate for surrounding fire.			
Special Fire Fighting Procedures: Use water spray to cool drums exposed to fire.			
Unusual Fire and Explosion Hazards: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapors.			

## Section IV - Reactivity Data

Stability	Unstable		Conditions to Avoid: Extreme Heat or freezing (Thaw and stir if frozen)
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ) May react with soft metals to generate Hydrogen gas. Product will etch glass.			
Hazardous Decomposition or Byproducts This product will not burn, but exposure to high heat and/or flames may generate Hydrogen Fluoride gas			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section V - Health Hazard Data**

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
<p>Health Hazards (<i>Acute and Chronic</i>)</p> <p><u>Inhalation</u>: Mist or vapor is extremely irritating to the lungs and mucous membranes. May result in a chemical pneumonia. <u>Eye contact</u>: Causes severe irritation of the eyes and eyelids. If not immediately rinsed, permanent eye damage can result. <u>Contact with the skin</u>: Product may cause temporary numbing of the skin. Pain is not a reliable indicator of contact. Eventual irritation of the skin followed by nausea, vomiting, and diarrhea. <u>Ingestion</u>: Severe burns of the mouth and esophagus.</p>			
Carcinogenicity:	NTP? No	IARC Monographs No?	OSHA Regulated? No
<p>Signs and Symptoms of Exposure: Irritation of the skin, eyes, mouth, and/or mucous membranes. Nausea, vomiting, and diarrhea may result from serious exposure</p>			
<p>Medical Conditions Generally Aggravated by Exposure: Existing dermatitis or conjunctivitis</p>			
<p>Emergency and First Aid Procedures</p> <p><u>Eyes</u>: Irrigate eyes with water for at least 15 to 20 minutes. Seek medical attention immediately. <u>Skin</u>: Product may cause temporary numbing of the skin. Pain is not a reliable indicator of contact. Wash exposed areas of the body with soap and water taking particular care to clean under the fingernails. Remove all contaminated clothing. Apply a Calcium Gluconate gel to the skin and seek medical attention. <u>Inhalation</u>: Remove from area of exposure. Administer oxygen if breathing is difficult. Seek medical attention. <u>Ingestion</u>: Seek medical attention immediately. Do not induce vomiting. Drink large volumes of water without delay.</p>			

**Section VI - Precautions for Safe Handling and Use**

<p>Steps to Be Taken in Case Material is Released or Spilled</p> <p><u>Spill Cleanup Procedures</u>: Immediately contain the spill and neutralize with soda ash or lime. Take precautions against inhaling fumes from the spilled material <u>Waste Disposal</u>: Dispose of in accordance with local, state, and federal regulations. Check with local authorities for the laws governing the disposal of neutralized acid residues in your area. <u>Environmental Hazards</u>: This material is considered to be biodegradable. However, high Fluoride levels and acidic Fluorides can be harmful to fish and other wildlife. Use in such a way that runoff does not contact streams or open waterways.</p>
<p>Precautions to Be taken in Handling and Storing</p> <p>Store in closed containers between 50° F – 120° F.                  Keep away from excessive heat.                  Store and use in well ventilated areas.                  Drum is not a pressure vessel; never use pressure to empty.</p>

**Section VII - Control Measures**

<p>Respiratory Protection (<i>Specify Type</i>)</p> <p>If vapors or mists are generated, wear a NIOSH approved acid vapor/mist respirator</p>		
Ventilation	Local Exhaust Suitable for almost all applications	Special
	Mechanical ( <i>General</i> )	Other
Protective Gloves Rubber or neoprene	Eye Protection Safety goggles or glasses where appropriate.	
<p>Other Protective Clothing or Equipment</p> <p>Use of a rubber or neoprene apron is highly recommended if the product is being used in such a way that it might contact the skin</p>		
<p>Work/Hygienic Practices</p> <p>Normal Industrial Hygiene Practices. Keep out of the reach of children.</p>		