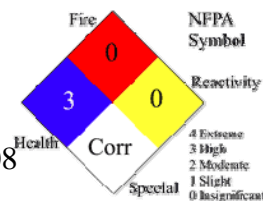




Nu-Stainless
The River City Soap Co.
 1792 Latham St.
 Memphis, TN 38106
 901-487-6927 Info@RiverCitySoap.com

September 17, 2008



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)
Ammonium Bifluoride CAS# 1341-49-7 Chemical Name: Cleaning Compound, NOS Contains Ammonium Bifluoride	2.5 mg/m ³	2.5 mg/m ³	OSHA TWA 2.5 mg(F)/m ³	

Section II - Physical/Chemical Characteristics

Boiling Point	> 212° F	Specific Gravity (H ₂ 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: Pale pink viscous 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
Health Hazards (<i>Acute and Chronic</i>) <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.			
Carcinogenicity:	NTP? No	IARC Monographs No?	OSHA Regulated? No
Signs and Symptoms of Exposure: Irritation of the skin, eyes, mouth, and/or mucous membranes. Nausea, vomiting, and diarrhea may result from serious exposure			
Medical Conditions Generally Aggravated by Exposure: Existing dermatitis or conjunctivitis			
Emergency and First Aid Procedures <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.			

Section VI - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled <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.
Precautions to Be taken in Handling and Storing 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.

Section VII - Control Measures

Respiratory Protection (<i>Specify Type</i>) If vapors or mists are generated, wear a NIOSH approved acid vapor/mist respirator		
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.	
Other Protective Clothing or Equipment 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		
Work/Hygienic Practices Normal Industrial Hygiene Practices. Keep out of the reach of children.		