

## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY: **Step # 1**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

Manufacturer's Name Sure Clean Northwest	Emergency Telephone Number (800) 535-5053 Infotrac
Address 33919 Hwy 99E	Telephone Number for Information (541) 926-2859
Tangent OR 97389	Date Prepared

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Hydrofluoric Acid		3	3	None
Sulfuric Acid		1mg/m3	1mg/m3	
HMIS	0= Minimal			
Health : 2	1= Slight			
Fire: 0	2 = Moderate			
Reactivity: 1	3 = Serious			
Specific hazard: None	4 = Severe			

### Section III - Physical/Chemical Characteristics

Boiling Point	about	205 ° F	Specific Gravity (H <sub>2</sub> O = 1)	1
Vapor Pressure (mm Hg)		NA	Melting Point	N/A
Vapor density (air=1)		NA	Evaporation Rate (butyl Acetate=1)	1.016
Solubility in Water: 100%				
Appearance and Odor: Clear liquid – with pungent odor				

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not Flammable	Flammable Limits	LEL: NA	UEL: NA
Extinguishing Media: Water			
Special Fire Fighting Procedures: Use a self-contained breathing apparatus and full protective clothing			
Unusual Fire and Explosion Hazards: Extinguish all nearby sources of ignition since flammable hydrogen gas will be liberated from contact with some metals.			

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid: Don't heat over 105° F in concentrated solution. Do not freeze.
	Stable	XX	
Incompatibility ( <i>Materials to Avoid</i> ): Alkalis, oxidizing or reducing materials. Cyanides, sulfides or combustible materials.			
Hazardous Decomposition or Byproducts: May liberate Hydrofluoric Acid			
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	XX	none

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? : X	Skin? : X	Ingestion? : X
Health Hazards ( <i>Acute and Chronic</i> ): May irritate or burn skin, eyes and or upper respiratory system.			
Carcinogenicity:	NTP? : No	IARC Monographs?: No	OSHA Regulated?: No
Signs and Symptoms of Exposure: SKIN: Irritation and redness. INHALATION: May irritate upper respiratory track. EYES: Will water and/or burn.			
Medical Conditions Generally Aggravated by Exposure: None known or expected.			
Emergency and First Aid Procedures: EYES: Flush with water for at least 30 minutes. Lift upper and lower eye lids occasionally. Get immediate medical attention. SKIN: Remove contaminated clothing and flush with cold water for 30 minutes. INGESTION: If conscious give large amounts of water. Get medical attention.			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Cover with sodium carbonate solution of 50% Soda Ash 50% lime mixture and place in a DOT approved container.
Waste Disposal Method: Dispose in accordance with all local, state, and federal regulatory agencies.
Precautions to Be taken in Handling and Storing: Store in cool dry well ventilated area.
Other Precautions: Keep out of reach of children

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> ): If TLV are exceeded. Contact your safety company about respirator.	
Ventilation	Local Exhaust: Yes Special
	Mechanical ( <i>General</i> ): Yes Other
Protective Gloves : Impervious gloves	Eye Protection : Chemical goggles
Other Protective Clothing or Equipment: Impervious Rubber Boots and apron	
Work/Hygienic Practices: Wash thoroughly after handling	

N/A: Not applicable      NA: Not Available