

SAFETY DATA SHEET

State Cleaning Solutions
A Subsidiary of State Industrial Products
5915 Landerbrook Drive, Mayfield Heights, Ohio 44124-4034 -- 866-747-2229

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **PYXIS SOUR**
Product Description: A laundry sour.

24 Hour CHEMTREC Number: 800-424-9300
MSDS Number: 118473

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Corrosive - Category 1
DANGER



Hazard Statements:

H314 Causes severe skin burns and eye damage.
H290 May be corrosive to metals

Precautionary Statements:

P260 Avoid breathing fume.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves, protective clothing, and eye protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Hydrofluorosilicic Acid	16967-83-4	< 20% 2.5 mg/m3	2.5 mg/m3	

4. FIRST AID MEASURES

P390 Absorb spillage to prevent material damage.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P312+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse SKIN with water.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P363 Wash contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Flashpoint: > 200°F (TCC)
Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA
Flammable Properties: None expected.
Extinguishing Media: Water spray, Carbon Dioxide, dry chemical.
Fire Fighting Instructions: Wear a self-contained breathing apparatus with full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Wear protective goggles and gloves. Flush any residues with plenty of water and neutralize to higher pH of 2.0 if necessary. Dispose of residue in chemical receptacle in a sanitary landfill. Do not reuse empty drums. Crush and discard or give to a drum re-conditioner for recycling. Follow All Federal, State and Local Regulations regarding waste disposal. Product as supplied is a D002 unspecified corrosive waste (pH < 2.0).

7. HANDLING AND STORAGE

Handling: Wear goggles or face shield and a long-sleeved shirt. Contact lenses should not be worn when working with this product. Wash hands thoroughly after handling. Never mix with any acid or any other chemicals. Read and follow all label directions and precautions carefully. Avoid contact with eyes, skin and clothing. Do not take internally.
Storage: Keep containers tightly closed when not in use. Do not store below freezing temperatures. Keep out of reach of children.
P406 Store in corrosive resistant container with a resistant inner liner.
P405 Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide sufficient mechanical ventilation to maintain exposure below TLV limit.
Personal Protective Equipment:
Respiratory: If workplace exposure limit is exceeded, a NIOSH-approved respirator is advised in the absence of environmental control.
Eye: Wear approved safety glasses or goggles with unperforated sideshields.
Skin: Wear chemically- resistant gloves such as Latex or Neoprene. Wear long sleeves and long pants and apron.
Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light green.	Odor:	Acrid.
Physical State:	Liquid	pH:	~1.0
Solubility in Water:	Complete	Specific Gravity:	1.18 +/- 0.005

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Do not mix with any other chemicals.
Incompatibility:	Avoid contact with Steel, Aluminum, Tin, Zinc and other metals.
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Hydrofluorosilicic Acid	16967-83-4	NE	NE

12. ECOLOGICAL INFORMATION

Do not discharge to natural waters. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

13. DISPOSAL CONSIDERATIONS

Dispose of residue in chemical receptacle in a sanitary landfill. Do not reuse empty containers. Follow All Federal, State and Local Regulations regarding waste disposal. Product as supplied is a D002 unspecified corrosive waste (pH < 2.0).
P501 Dispose of container to in accordance with all Federal, State and Local Regulations regarding waste disposal.

14. TRANSPORT INFORMATION

DOT Shipping Data: Corrosive Liquids, N.O.S. (Hydrofluosilicic Acid), 8, UN1760, II

Canadian TDG: Not available for sale in Canada.

15. REGULATORY INFORMATION

TSCA:	All chemicals in this product are listed or exempt from listing on the TSCA inventory.
CEPA:	All chemicals in this product are listed or exempt from listing on the Canadian DSL/NDL.
Proposition 65:	This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
SARA 313:	This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

HMIS RATING:	Health = 3	Flammability = 0	Reactivity = 0	Personal Protection = C
--------------	------------	------------------	----------------	-------------------------

WHIMS RATING: Not available for sale in Canada.

16. OTHER INFORMATION

NA = Not Available or Not Applicable
NE = Not Established

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

Prepared On: September 2013

Replaces: September 2010

Completed By: Regulatory Affairs Specialist