

**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFIER**

**PRODUCT NAME:** STRIP-IT PRO

**OTHER MEANS OF IDENTIFICATION:** High Foaming Acid Detergent

**RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE**

**PRODUCT USE STATEMENT:** Industrial Cleaning Agent

**USES ADVISED AGAINST:** Use only as stated on label.

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

**Pace 49 Inc.**  
1597 Derwent Way, Delta B.C., V3M 6K8 CANADA  
Phone (800) 799-6211 | www.pace49.com

**EMERGENCY TELEPHONE NUMBER**

24 Hour Emergency Phone Number (800) 270-6809

**2. HAZARDS IDENTIFICATION**

**CLASSIFICATION**

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 1A

**LABEL ELEMENTS**

**EMERGENCY OVERVIEW**

**DANGER**

Harmful if swallowed  
Harmful in contact with skin  
Causes severe skin burns and eye damage  
May cause cancer



**Precautionary Statements - Prevention**

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

- Immediately call a POISON CENTER or doctor/physician
- Specific Treatment (See Section 4 on the SDS)
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
  - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
  - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
  - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. DO NOT induce vomiting.

**Precautionary Statements - Storage**

- Store locked up

**Precautionary Statements - Disposal**

- Dispose of contents/container to an approved waste disposal plant

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)**

**OTHER INFORMATION**

Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

\*The exact percentage (concentration) of composition has been withheld as a trade secret. See sections 8 and 11 for additional information.

**4. FIRST AID MEASURES**

**FIRST AID MEASURES**

**GENERAL ADVICE:** Immediate medical attention is required.

**SKIN CONTACT:** Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**EYE CONTACT:** Keep eye wide open while rinsing. Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area.

**INHALATION:** Remove to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Immediate medical attention is required. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately.

**SELF-PROTECTION OF THE FIRST AIDER:** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**SYMPTOMS:** Any additional important symptoms and effects are described in Section 11: Toxicology Information.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

**NOTE TO PHYSICIANS:** Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rates, frothy sputum, and high pulse pressure. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**PERSONAL PRECAUTIONS:** Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

**ENVIRONMENTAL PRECAUTIONS**

**ENVIRONMENTAL PRECAUTIONS:** Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

**METHODS FOR CONTAINMENT:** Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

**METHODS FOR CLEANING UP:** Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

**ADVICE ON SAFE HANDLING:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

**STORAGE CONDITIONS:** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**INCOMPATIBLE MATERIALS**

Incompatible with strong acids and bases. Incompatible with oxidizing agents. Metals.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**CONTROL PARAMETERS**

**EXPOSURE GUIDELINES:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sulfuric Acid 7664-93-9	TWA: 0.2 mg/m <sup>3</sup> thoracic particulate matter	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup>	IDLH: 15 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>
Ammonium Hydrogen Fluoride 1341-49-7	TWA: 2.5 mg/m <sup>3</sup> F	TWA: 2.5 mg/m <sup>3</sup> F (vacated) TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup> F
Hydrofluoric Acid 7664-39-3	TWA: 0.5 ppm F TWA: 2.5 mg/m <sup>3</sup> F S* Ceiling: 2 ppm F	TWA: 3 ppm F TWA: 2.5 mg/m <sup>3</sup> F (vacated) TWA: 3 ppm F TWA: 2.5 mg/m <sup>3</sup> (vacated) STEL: 6 ppm F	IDLH: 30 ppm Ceiling: 6 ppm 15 min Ceiling: 5 mg/m <sup>3</sup> 15 min TWA: 3 ppm TWA: 2.5 mg/m <sup>3</sup>

*NIOSH IDLH Immediately Dangerous to Life or Health*

**OTHER INFORMATION:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir, 1992).

**APPROPRIATE ENGINEERING CONTROLS**

**ENGINEERING CONTROLS:** Showers, Eyewash stations & Ventilation systems

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION:** Tight sealing safety goggles. Face protection shield.

**SKIN AND BODY PROTECTION:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective gloves and protective clothing.

**RESPIRATORY PROTECTION:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**GENERAL HYGIENE:** When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid  
**APPEARANCE:** Clear  
**COLOR:** Amber  
**ODOR:** Acidic  
**ODOR THRESHOLD:** No Information available

PROPERTY	VALUES
pH	<2
Specific Gravity	1.16
Viscosity	Water Thin
Melting point/freezing point	No Information available
Flash point	None
Boiling point / boiling range	No Information available
Evaporation rate	Same as water
Flammability (solid, gas)	
Flammability Limits in Air	
Upper flammability limit	No Information available
Lower flammability limit	No Information available
Vapor pressure	No Information available
Vapor density	No Information available
Water solubility	Soluble in water
Partition coefficient	No Information available
Autoignition temperature	No Information available
Decomposition temperature	No Information available

**OTHER INFORMATION**

Density Lbs/Gal	9.32
VOC Content (%)	NO VOC

**10. STABILITY AND REACTIVITY**

**REACTIVITY:** No data available  
**STABILITY:** Stable under recommended storage conditions.  
**POSSIBILITY OF HAZARDOUS REACTIONS:** None under normal processing.

**CONDITIONS TO AVOID:** Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.

**INCOMPATIBLE MATERIALS:** Incompatible with strong acids and bases. Incompatible with oxidizing agents. Metals.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**11. TOXICOLOGICAL INFORMATION**

**INFORMATION ON LIKELY ROUTES OF EXPOSURE**

**PRODUCT INFORMATION:** The primary effects and toxicity of this material are due to its corrosive nature.

**INHALATION:** Causes burns.

**EYE CONTACT:** Corrosive to the eyes and may cause severe damage including blindness.

**SKIN CONTACT:** Toxic in contact with skin.

**INGESTION:** Causes burns. Toxic if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Sulfuric Acid 7664-93-9	= 2140 mg/kg (Rat)	-	= 510 mg/m <sup>3</sup> (Rat) 2 h
Ammonium Hydrogen Fluoride 1341-49-7	= 130 mg/kg (Rat)	-	-
Hydrofluoric Acid 7664-39-3	-	-	= 0.79 mg/L (Rat) 1 h
Linear Dodecyl Benzene Sulphonic Acid 27176-87-0	= 1260 mg/kg (Rat) = 437 mg/kg (Rat) = 775 mg/kg (Rat)	631 - 1000 mg/kg (Rabbit) = 2000 mg/kg (Rabbit)	-
Sodium Sulfate 7757-82-6	> 10000 mg/kg (Rat)	-	-

**INFORMATION ON TOXICOLOGICAL EFFECTS**

**SYMPTOMS:** No Information available.

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE**

**CORROSIVITY:** Causes burns. Extremely corrosive and destructive to tissue. Risk of serious damage to eyes.

**SENSITIZATION:** No Information available.

**GERM CELL MUTAGENICITY:** No Information available.

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

AACGIH (American Conference of Governmental Industrial Hygienists)  
 A2 - Suspected Human Carcinogen  
 IARC (International Agency for Research on Cancer)  
 Group 1 - Carcinogenic to Humans  
 Group 3 - Not classifiable as a human carcinogen  
 NTP (National Toxicology Program)  
 Known - Known Carcinogen  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 X - Present

**REPRODUCTIVE TOXICITY:** No Information available.

**STOT - SINGLE EXPOSURE:** No Information available.

**STOT - REPEATED EXPOSURE:** No Information available.

**CHRONIC TOXICITY:** Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects.

**TARGET ORGAN EFFECTS:** EYES, Respiratory system, Skin, Teeth.

**ASPIRATION HAZARD:** No Information available.

**NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION**

**UNKNOWN ACUTE TOXICITY:** 0% of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document**

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY**

0.9565% of the mixture consists of component(s) of unknown hazards to the aquatic environment

**PERSISTENCE AND DEGRADABILITY:** No Information available.

**BIOACCUMULATION:** No Information available.

**OTHER ADVERSE EFFECTS:** No Information available.

**13. DISPOSAL CONSIDERATIONS**

**WASTE TREATMENT METHODS**

**DISPOSAL OF WASTES:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**CONTAMINATED PACKAGING:** Do not reuse container.

**US EPA WASTE NUMBER:** D002 U134

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Hydrofluoric Acid 7664-39-3	U134	Yes	Yes	U134

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. TRANSPORT INFORMATION**

*Note: The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.*

**LAND TRANSPORT: (USDOT)**

**Inner Packaging Not Over 1.0 L:** LTD QTY (LTDY)



Hazard Class: 8  
 Packing Group: II  
 ID Number: UN1760  
 Hazard Label: 8  
 Proper Shipping Name: UN1760, CORROSIVE LIQUID, N.O.S., (SULFURIC ACID, AMMONIUM BIFLUORIDE), 8, II (HM-AS2F)

**AIR TRANSPORT: (IATA/ICAO)**

**5 x 0.1 L Per Package:** LTD QTY (LTDY)



For packages greater than 5 x 0.1 L refer to IATA shipping guidelines and above hazard class information.

**15. REGULATORY INFORMATION**

**INTERNATIONAL INVENTORIES**

**TSCA:** Complies **DSL/NDSL:** Complies  
 TSCA: United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL: Canadian Domestic Substances List/ Non-Domestic Substances List

**US FEDERAL REGULATIONS**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Sulfuric Acid - 7664-93-9	1.0

**SARA 311/312 HAZARD CATEGORIES**

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	No
Reactive Hazard	No
Sudden release of pressure hazard	No

**CWA (CLEAN WATER ACT)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**CALIFORNIA PROPOSITION 65**

This product has been evaluated and does not require warning labeling under California Proposition 65.

Chemical Name	California Proposition 65
Sulfuric Acid - 7664-93-9	Carcinogen

**U.S. STATE RIGHT-TO-KNOW REGULATIONS**

Chemical Name	NJ	MA	PA
Sulfuric Acid - 7664-93-9	X	X	X
Ammonium Hydrogen Fluoride - 1341-49-7	X	X	X
Hydrofluoric Acid - 7664-39-3	X	X	X
Linear Dodecyl Benzene Sulphonic Acid - 27176-87-0	X	X	X
Sodium Sulfate - 7757-82-6	-	X	X

**16. OTHER INFORMATION**

**HMIS**

Health hazards	Flammability	Physical hazards	Personal protection
<b>3</b>	<b>0</b>	<b>1</b>	<b>B</b>

**PREPARED BY:** Regulatory Department, Manufacturing and Shipping Facility

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.