

STRIP-IT®



1. Product & Company Identification

Product Name: STRIP-IT
Other means of identification: STRIPIT

Recommended use of the chemical and restrictions on use

Recommended Use: Greenhouse and irrigation line cleaner. Specialty chemical formula for removing minerals, algae staining, whitewash sunblock coatings.

Restrictions on Use: For Food Plant, Industrial and Institutional use only

Safety Data Sheet Supplier

Pace Solutions Corp.
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EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Phone Number:
Transport Emergencies: Canutec 613-996-6666
Emergency Response Services: Chemtrec 800-424-9300

2. Hazards Identification



Classification	Hazard Category
Corrosive to Metals	Category 1
Acute toxicity - oral	Category 1
Acute toxicity - dermal	Category 1
Acute toxicity - inhalation	Category 2
Skin corrosion/ irritation	Category 1
Eye damage/ irritation	Category 1
Carcinogenicity	Category 1

Signal Word:

Danger

Hazard statements:

- ✦ H290 May be corrosive to metals.
- ✦ H300 + H310 + H330 Fatal if swallowed, in contact with skin or inhaled.
- ✦ H314 Causes severe skin burns and eye damage.
- ✦ H350 May cause cancer.

Precautionary Statements - Prevention

- ✦ P234 Keep only in original packaging.
- ✦ P264 Wash hands and affected area thoroughly after handling.
- ✦ P270 Do not eat, drink or smoke when using this product.
- ✦ P262 Do not get in eyes, on skin, or on clothing.
- ✦ P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- ✦ P271 Use only outdoors or in a well-ventilated area.
- ✦ P284 In case of inadequate ventilation, wear respiratory protection.
- ✦ P203 Obtain, read and follow all safety instructions before use.
- ✦ P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Precautionary Statements - Response

- ✦ P390 Absorb spillage to prevent material-damage.
- ✦ P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.
- ✦ P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- ✦ P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- ✦ P302 + P361 + P354 + P352 + P363 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash with plenty of water. Wash contaminated clothing before reuse.
- ✦ P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- ✦ P301 + P304 + P302 + P316 IF SWALLOWED, INHALED OR ON SKIN: Get emergency medical help immediately.
- ✦ P320 Specific treatment is urgent (see FIRST AID on this label).
- ✦ P305 + P354 + P338 + P317 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
- ✦ P318 IF exposed or concerned, get medical advice.

Precautionary Statements - Storage

- ✦ P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
- ✦ P405 Store locked up.

Precautionary Statements - Disposal

- ✦ P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/Information on Ingredients

Chemical Name	CAS No.	Weight %
Hydrogen fluoride	7664-36-3	7-13
Sulphuric acid	7664-93-9	10-30
Alkyl(C10-16)benzene-sulfonic acid	68439-46-3	1-5
Sodium alkylnaphthalenesulfonate	Secret-PR010960-A	1-5
Ammonium bifluoride	1341-49-7	7-13

4. First Aid Measures

GENERAL ADVICE: If symptoms persist, call a physician.

SKIN CONTACT: **URGENT CARE REQUIRED!** Flood area with cool water for at least 20 minutes. Make sure water doesn't flow onto another part of the person's body or onto you. Don't use a strong stream of water, if possible. As you flush the burn (not before), remove jewelry or articles of clothing with chemical on them, unless they're stuck to the person's body. Don't try to neutralize the burn with acid or alkali. This could cause a chemical reaction that worsens the burn. Apply calcium gluconate gel (2.5%) generously and rub it in gently even if there is no pain. Rinse with water then apply again. Continue this treatment until pain has disappeared. If calcium gluconate gel is not available, apply compresses soaked with 10% calcium gluconate solution. Call a physician to the site of the accident.

EYE CONTACT: **DANGER OF BLINDNESS!** Have the person immediately rinse the eye or eyes under a faucet, in a gentle shower, or with a clean container of water. Keep the person's face so that the injured eye is down and to the side. Avoid spraying a high-pressure water stream into the eye or eyes. Flush with lukewarm water for 15 to 30 minutes. For severe burns, continue flushing until you see a doctor or you arrive in an emergency room. The person should keep the eye open as wide as possible. Wash the person's hands thoroughly to make sure no chemical is still on them. Flush the eye to remove contact lenses. If they do not come out, try to gently remove them AFTER flushing. Do not rub the eye or place a bandage over the eye. While waiting for medical care, have the person wear sunglasses to decrease light sensitivity.

INHALATION: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention. As soon as possible repeatedly have the casualty deeply breathe a glyocortoid inhalation spray in. Mouth to mouth resuscitation is not recommended.

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 centre immediately. When directed by physician, give orally either 1% aqueous calcium gluconate solution, milk or calcium/ magnesium containing anti-acid. Such solutions can be beneficial but also may be problematic if they induce vomiting.

SELF-PROTECTION OF THE FIRST AIDER: Use personal protective equipment as required.

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: Treat symptomatically.

5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA: Use dry chemical. Carbon dioxide (CO₂). Water spray (fog). Alcohol resistant foam.

UNSUITABLE EXTINGUISHING MEDIA: Do not use a solid water stream as it may scatter and spread fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Keep product and empty container away from heat and sources of ignition. Risk of ignition.

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.

UNUSUAL FIRE/EXPLOSION HAZARDS: Contact with reactive metals may produce flammable/ explosive hydrogen gas. A large amount of heat is generated when this product is diluted with water.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, hydrogen fluoride, oxides of sulphur.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

ENVIRONMENTAL PRECAUTIONS: Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. 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.

METHODS FOR CLEANING UP: Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up. Take precautionary measures against static discharges.

7. Handling & Storage

Precautions for safe handling

Use good industrial hygiene. Do not get in eyes, on skin or on clothing. Do not breathe dust/ mist/ vapour. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Keep out of reach of children. Store at temperatures below 30 °C and above 5 °C. Do not store in metal containers. Adding this product to water will result in exothermic reaction, where heat will be released. Add this product to water slowly with mixing, do not add water to this product. Do not enter a storage tank or container that has contained this product, even if it appears empty.

8. Exposure Controls/Personal Protection

Hydrogen fluoride CAS#7664-39-3

Type of Listing	Exposure Limit
British Columbia	STEL/C 2 ppm skin
Alberta	
Manitoba	
Saskatchewan	8 hr: 0.5 ppm, 15 min C: 2 ppm
Ontario	TWA 0.5 ppm skin STEL/C 2 ppm skin
ACGIH	TWA 0.5 ppm skin STEL/C 2 ppm skin

Sulphuric acid CAS#7647-01-0

Type of Listing	Exposure Limit
British Columbia	TWA 0.2 mg/m ³
Alberta	
Manitoba	
Saskatchewan	8 hr 0.2 mg/m ³ , 15 min 0.6 mg/m ³ strong acid mist only
Ontario	TWA 0.2 mg/m ³
ACGIH	TWA 0.2 mg/m ³

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: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

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. Regular cleaning of equipment, work area and clothing is recommended.

9. Physical & Chemical Properties

Properties	Values
Physical State	Liquid
Colour	Clear, amber
Odour	Acidic odour. No added fragrance.
Odour threshold	No information available
pH	<1
Specific gravity	1.09 @ 20 °C
Viscosity	Thin like water
Melting point/ freezing point	No information available
Flash point	>93.3 °C Closed Cup
Boiling point / boiling range	No information available
Evaporation rate	No information available
Flammability	Not flammable, not combustible.
Upper flammability limit in air	No information available
Lower flammability limit in air	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
VOC content (%)	No information available

10. Stability & Reactivity

REACTIVITY: No data available

STABILITY: Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: None under normal processing.

CONDITIONS TO AVOID: Temperatures above 30 °C and below 5 °C. Direct sunlight.

INCOMPATIBLE MATERIALS: Metals, metal alloys, cyanides, cyanogen fluoride, sulfides, silicon-bearing materials, acids, alkalis, fluorine gas, propylene glycol, silver nitrate, arsenic trioxide, phosphorus pentoxide, metal oxides, hydroxides, nitrates, amines, carbonates, reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, hydrogen fluoride, oxides of sulphur.

11. Toxicological Information

Acute Toxicity Estimate (ATE)	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
	4.6 mg/kg 0% of the mixture consists of ingredient(s) of unknown acute oral toxicity.	32.5 mg/kg 30% of the mixture consists of ingredient(s) of unknown acute dermal toxicity.	0.16 mg/l 18% of the mixture consists of ingredient(s) of unknown acute inhalation (dust/ mist) toxicity.

Information on likely routes of exposure

INHALATION: Might cause serious irritation to respiratory track.

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

SKIN CONTACT: The product causes burns of eyes, skin and mucous membranes.

INGESTION: Causes burns. May cause irritation and nausea.

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: Data available indicates no potential risk.

GERM CELL MUTAGENICITY: Data available indicates no potential risk.

CARCINOGENICITY: Exposure to strong inorganic acid mists containing sulfuric acid CAS# 7664-93-9 is associated with increased risks of laryngeal and lung cancers.

REPRODUCTIVE TOXICITY: Data available indicates no potential risk.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE: Data available indicates no potential risk.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: Data available indicates no potential risk.

ASPIRATION HAZARD: Data available indicates no potential risk.

12. Ecological Information

Ecotoxicity

The environmental impact of this product has not been fully investigated.

13. Disposal Considerations

Waste treatment methods

Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

14. Transport Information

Canadian Transportation of Dangerous Goods: UN3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphuric acid, hydrofluoric acid), Class 8, Packing Group II

ENVIRONMENT HAZARDS: Not considered as marine pollutant.

ADDITIONAL INFORMATION: Explosive Limit and Limited Quantity Index: 1 L

Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index: 1 L

15. Regulatory Information

International Inventories

TSCA: Complies DSL/NDL: Complies NPRI: None of the components are listed.

16. Other Information

Acronym List

ACGIH	American Conference of Governmental Industrial Hygienists
C	Ceiling Limit - The maximum exposure limit
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations
DSL/NDSL	Domestic Substances List/ Non-domestic Substance List
EC50	Half maximal effective concentration
IARC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life or Health
LC50	Lethal concentration, 50%
LD50	Lethal dose, 50%
NIOSH	The National Institute for Occupational Safety and Health
N.O.S.	Not Otherwise Specified
NPRI	National Pollutant Release Inventory
NTP	National Toxicology Program
OHSR	Occupational Health & Safety Regulation
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PNOC	Particulates not otherwise classified
PMCC	Pensky-Martens Closed Cup
POW	Partition Coefficient Octanol: Water
REL	Recommended Exposure Limit
SDS	Safety Data Sheets
STEL	Short-Term Exposure Limit
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act Chemical Substance
TWA	Time-Weighted Average

PREPARED BY: Regulatory Department

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