

## SAFETY DATA SHEET

**Product Name** *No Scale*

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** *No Scale*  
**Recommended use:** **Removes Mineral Deposits from Hard Surfaces**  
**Company Details:** **Envirochem International (NZ) Ltd**  
**Address:** 59C Allens Road, East Tamaki  
Auckland, New Zealand  
**Telephone Number:** +64 9 262 0800  
**Emergency Telephone Number:** National Poison Information Centre 0800 764 766  
**Date of Preparation:** 01-04-2022

### 2. HAZARD IDENTIFICATION



**DANGER**

**HSNO Hazard Classification:** 6.1D (oral), 6.7A, 6.9A, 6.9B (inhale), 8.1A, 8.2B, 8.3A, 9.1D, 9.3C

**Hazard Statement:**

Harmful if swallowed  
May cause cancer  
Causes damage to organs by skin contact  
May be corrosive to metal  
Causes severe skin burns and eye damage  
Causes serious eye damage  
May cause long lasting harmful effects to aquatic life  
Harmful to terrestrial vertebrates

**Prevention Statements:**

- Keep out of reach of children
- Read label before use
- Wash hand thoroughly after handling
- Do not eat, drink or smoke when using product
- Obtain special instructions before use
- Do not use until all safety precautions have been read and understood
- Use personal protective equipment as required
- Do not breath dust/mist
- Keep in original container
- Avoid release into environment

**Response Statement:**

- If medical advice is needed, have product container or label at hand
- If swallowed rinse out mouth and do not induce vomiting. Call POISON CENTER or doctor physician if you feel unwell.

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- Rinse mouth
  - If exposed or concerned: Get medical advice/attention
  - If exposed: Call a POISON CENTRE or doctor physician
  - Absorb spillage to prevent material damage
  - If swallowed: Rinse mouth DO NOT induce vomiting
  - If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
  - Wash contaminated clothing before use
  - If inhaled: remove to fresh air and keep at rest in a position comfortable for breathing
  - Immediately call a POISON CENTRE or doctor/physician
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing

**Storage Statement:**

- Store locked up

**Disposal**

- Disposal should be through qualified contractor.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	CAS #	Concentration %
Hydrofluoric Acid	7664-39-3	1-5
Phosphoric Acid	7664-38-2	5-30
Sulphuric Acid	7664-93-9	1-5
Non-ionic surfactant		>10
Other Ingredients Not hazardous		>50

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**4. FIRST AID MEASURES**

**Ingestion:**

Immediately rinse mouth with water. If swallowed do not induce vomiting. Give water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical aid immediately.

**Eye Contact:**

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment. Do not rub eyes or keep eyes closed

**Skin Contact:**

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.

**Inhalation:**

Remove the effected person out to a ventilated area. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

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**5. FIRE FIGHTING MEASURE**

**Extinguishing Media:**

Use dry chemical powder, foam, polymer foam, and water spray or fog type extinguishers. Water may be ineffective on fire. However, water spray may be used to extinguish fires and to absorb heat. Keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

**Hazards from combustion products:**

Not combustible. However, following evaporation of aqueous component, residual material can burn if ignited. While burning, it will emit toxic fumes including carbon monoxide and carbon dioxide.

**Precautions for fire fighters and special protective equipment:**

Alert fire brigade and tell them location and nature of hazard.

- Wear breathing apparatus plus protective gloves
- Prevent, by any means available, spillage from entering drains or water courses

Use fire fighting procedure suitable for surrounding area.

Use water delivered as a fine spray to control the fire and cool adjacent area.

Fire fighters to wear self-contained breathing apparatus if risk of exposure to Vapour or products

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of combustion as well as structural fire fighter uniform.

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## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency Precautions:

Personnel involved in the clean up should wear full protective clothing. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do not let product reach drain or waterways; advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

### Methods and Materials for Containment and Clean Up:

Soak up spilled product using absorbent, non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

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## 7. HANDLING AND STORAGE

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### Handling:

Wash thoroughly after handling. Use only in a well ventilated area. Avoid contact with eyes, skin and clothing. Empty containers retain product and residue (liquid or vapour), and can be dangerous. Keep container tightly closed. Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

### Storage:

Store in a tightly closed container. Keep from contact with oxidizing agents. Store in cool, dry, well-ventilated area away from incompatible substances. Keep containers closed at all times, check regularly for leak.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Exposure Standards:

The Occupational Safety and Health Service, NZ Department of Labour have set no Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) for this substance.

### Biological limit values:

None established

### Engineering Controls:

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment

### PERSONAL PROTECTIVE EQUIPMENT:

#### Respiratory Protection:

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

#### Eye Protection:

Always use safety glasses or a face shield when handling this product.

#### Skin/Body Protection:

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Clear green



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## 14. TRANSPORT INFORMATION

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### Road and Rail Transport:

Classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail

### Marine Transport:

Classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

### Air Transport:

Classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air



<b>Shipping Name:</b>	CORROSIVE TOXIC LIQUID, N.O.S, contain hydrofluoric acid, phosphoric acid and Sulphuric acid
<b>Hazard Class:</b>	8
<b>UN Number:</b>	UN 2922
<b>Packing Group:</b>	II
<b>Hazchem Code:</b>	2X

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## 15. REGULATORY INFORMATION

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<b>HSNO Approval No:</b>	HSR002588
<b>Group Standard:</b>	Cleaning Products Toxic (6.7) Group Standard 2006
<b>HSNO Classification:</b>	6.1D (oral), 6.7A, 6.9A, 6.9B (inhale), 8.1A, 8.2B, 8.3A, 9.1D, 9.3C

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## 16. OTHER INFORMATION

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<b>New Zealand National Poison Information Centre:</b>	0800 764 766
<b>New Zealand Emergency Services:</b>	111
<b>Envirochem International (NZ) Ltd :</b>	+64 9 262 0800

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