

## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Enviro Etch and Clean  
**Other names:** None  
**CAS number:** Unassigned  
**Company Details:** New Zealand Decorative Concrete Limited T/A Permacolour  
**Address:** 42A Egmont Road, New Plymouth  
**Telephone Number:** 0508 444 555 or 06 755 3320  
**Emergency Telephone Number:** 0800 CHEM CALL

## SECTION 2: HAZARD IDENTIFICATION

**Hazard Classification:** Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

**HSNO Approval Number:** Classified under the group standard: Cleaning Products (Corrosive) Group Standard 2006

**HSNO Approval Number:** HSR002526

**Hazard classification** 6.3B Causes mild skin irritation  
 6.4A Causes serious eye irritation  
 8.1A May be corrosive to metals



**WARNING:** If medical advice is needed have product container or label at hand  
 Keep out of reach of children and read label before use.  
 May be harmful if inhaled and cause respiratory irritation.  
 Causes skin irritation including allergic skin irritations.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Concentration	CAS No.
Acidic organic salt	30 - 60%	Confidential
Non-ionic surfactants	1 - 10%	9005-64-5
Water and other non hazardous substances	Balance	Mixture

## SECTION 4: FIRST AID MEASURES

**Swallowed:** Rinse mouth with water. No NOT induce vomiting. Call the doctor / physician or poison centre if feeling unwell.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing for at least 15 minutes. Keep patient calm. Immediately call the doctor or poison centre.

**Skin or in hair:** Remove contaminated clothing and wash skin and/or hair with plenty of water. Seek medical attention if irritation develops.

**Inhaled:** Remove to fresh air.

**Required instructions:** For advice contact the National Poisons. Centre 0800 POISON (0800 764 766) or contact a doctor

**Workplace facilities:** Normal washroom facilities

**Advice to Doctor:** Treat symptomatically

## SECTION 5: FIRE-FIGHTING MEASURES

<b>Type of hazard:</b>	Not classed as flammable. If involved in a fire may generate noxious and corrosive fumes.
<b>Fire hazard properties:</b>	Non flammable. No fire or explosion hazard exists
<b>Extinguishing media and methods:</b>	Use media appropriate to source of fire
<b>Hazchem code for fire:</b>	2X
<b>Recommended protective clothing:</b>	Not applicable

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency procedures:</b>	Bund area using soil or sand to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert materials). Shovel to collect then place into properly labelled containers for disposal
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## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Read label and safety data sheet before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, eye and face protection.
<b>Regulatory requirements:</b>	Keep containers closed when not using the product. Store in original containers as approved by the manufacturer. Store in accordance with requirements of Class 8 acids. Do not store with alkalis, chlorine products or oxidisers
<b>Handling practices:</b>	Avoid contact with eyes and wear eye protection. Keep containers adequately sealed during material transfer, transport, or when not in use. Use safe work practices to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Wash exposed skin thoroughly after handling
<b>Conditions for safe storage:</b>	Ensure packages are adequately labelled, protected from physical damage and sealed when not in use.
<b>Store site requirements:</b>	Do not store with alkalis, chlorine products or oxidisers
<b>Packaging:</b>	Ensure packages are labelled, protected from physical damage and sealed when not in use.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Workplace exposure standards:</b>	No exposure standards are available for this product
<b>Exposure standards outside the workplace:</b>	No exposure standards are available for this product
<b>Engineering controls:</b>	Use in a well-ventilated area
<b>Personal Protection Equipment:</b>	Use of acid-proof gloves (PVC, Nitrile, Neoprene, natural rubber or similar) and eye protection are advised when using this product  Respiratory protection is not normally required when handling this product

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Clear liquid	<b>pH (undiluted):</b> Less than 1.0
<b>Boiling point:</b> Approx. 100 °C	<b>Vapour pressure:</b> 2.4kPa at 20 °C
<b>Specific gravity:</b> 1.2	<b>Odour:</b> Minimal
<b>Flash point:</b> None	<b>Flammability limits:</b> None
<b>Solubility in water:</b> Soluble	<b>Effect on metals:</b>
<b>Steel at 20 °C</b> Slight	<b>Aluminium at 20 °C</b> Slight

Enviro Etch and Clean is designated a “Dangerous Good” according to the Australian Dangerous Goods Code because corrosion of aluminium exceeds 6.25mm per year at 55 °C

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability of the product:</b>	Stable under normal conditions of use
<b>Conditions to avoid:</b>	Heat, flames
<b>Hazardous decomposition products:</b>	Emits choking and corrosive fumes when heated to decomposition
<b>Hazardous polymerization:</b>	Will not occur
<b>Incompatibilities:</b>	Incompatible with materials incompatible with acids, including strong alkalis, oxidizing agents, pool chlorination products, cyanides.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Summary:</b>	No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:
<b>Eye:</b>	Contact with eyes will cause irritation
<b>Inhalation:</b>	Unlikely route of exposure as the concentrate does not fume. Inhalation of mists when in use may cause irritation to the nose, throat and respiratory system
<b>Ingestion:</b>	Ingestion will cause irritation to mouth, throat and stomach
<b>Skin:</b>	Corrosive. Prolonged and repeated contact with powder or wetted form may result in skin rash, dermatitis sensitisation.
<b>Chronic:</b>	Prolonged contact with eyes may cause severe eye irritation and damage
<b>Toxicological Data:</b>	There is no other toxicological information available for this product

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not expected to adversely affect aquatic organisms or pose an environmental hazard

**Persistence / Degradability:** Biodegradable in the environment

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Disposal information:</b>	Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements
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## SECTION 14: TRANSPORT INFORMATION

**Road, Air, Sea, Transport**

**UN Number:** 1760

**Proper Shipping Name:** CORROSIVE LIQUIDS, N.O.S.

**Dangerous Goods Class:** 8

**Packing Group:** III

**Hazchem:** 2X

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## SECTION 15: REGULATORY INFORMATION

HAZARDOUS ACCORDING TO ERMA CRITERIA

HAZARDOUS ACCORDING TO NZS 5433:2012 (Transport of Dangerous Goods on Land)

HSNO NZ Classification: 6.3B, 6.4A, 8.1A

**ERMA Group Standard:** Cleaning Products (Corrosive) HSR002526

For full listing of controls see the ERMA website.

## SECTION 16: OTHER INFORMATION

New Zealand Decorative Concrete Ltd has compiled the information and recommendations contained in this Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject at the date quoted in section sixteen of the Safety Data Sheet. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine the environmental regulatory compliance obligations under any applicable New Zealand laws. In providing this disclaimer New Zealand Decorative Concrete Ltd removes itself from any responsibility/liability of damages/harm caused by the information or lack thereof in this Safety Data Sheet document.