

## 1. IDENTIFICATION OF PREPARATION & OF COMPANY

Product:	Environmentally Friendly Concrete Etch
Manufacturer:	Chemco International Ltd East Shawhead Industrial Estate Coatbridge ML5 4XD Scotland United Kingdom
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## 2. HAZARDS IDENTIFICATION

Acute effects: This product is non-flammable. Very slight possibility of corrosive effect.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical cleaner and descaler.

Contains:	
Acids:	Less than 1% hydrochloric acid.
Disinfectant:	Less than 1%
Organic alcohol micro emulsion:	Less than 1%

No additional ingredients are present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## 4. FIRST AID MEASURES

Inhalation:	Move to fresh air if effects occur. Seek medical attention.
Ingestion:	Immediately give plenty of water (if possible charcoal slurry). Seek medical attention immediately. Do not induce vomiting. Fully trained personnel can use oxygen or artificial respiration if required.
Eyes:	Rinse with flowing water immediately for at least 15 minutes. Seek medical attention.
Skin:	Remove contaminated clothing. Flush with flowing water for at least 15 minutes. Wash affected area with soap and water. Seek medical attention if irritation persists.

## 5. FIRE-FIGHTING MEASURES

Extinguishing media: Extinguishing media should be chosen based on the nature of surrounding fire. This product is water based and does not support combustion.

## 6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

Although this product is a very dilute acid (and is below hazard threshold) it is nevertheless good practice for user to avoid inhaling any possible vapours given off. Avoid contact with eyes and skin.

Environmental precautions:

Wear impervious gloves and eye protection. Ensure good ventilation. Keep containers tightly closed when not in use. Product is readily biodegradable and acid content (below hazard threshold) and is not likely to pose an environmental threat.

Method for cleaning up:

Soak up spills with mop or absorbent material, such as sand or vermiculite, and dilute remainder to drains.

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## 7. ACCIDENTAL RELEASE MEASURES

Handling:

Use in well ventilated area. Avoid inhaling vapour. Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.

Storage:

Cool, well ventilated. Store away from sources of heat or ignition and strong oxidising agents. Keep in tightly closed, clearly labelled containers and out of the reach of children.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:

Not applicable.

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

Eye protection:

Avoid contact with the skin and eyes. Safety glasses should be worn in case of eye contact.

Protective clothing:

For prolonged or frequently repeated contact use protective clothing impervious to this material.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:

Liquid.

Colour:

Yellowish.

Odour:

Low and characteristic.

Miscibility with water:

Complete.

Boiling point:

100°C @ 1013 hPa

Density:

> 1

Viscosity @ 20°C cP:

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Flash point:

Not specified.

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## 10. STABILITY & REACTIVITY

Stability:

Stable under normal conditions. Very mild reaction with oxidising agents. If product is stored and used in accordance with recommendations in this document and other literature supplied by Chemco International, this product is not likely to cause any adverse reactions.

DISCLAIMER: The information contained herein is to the best of our knowledge accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall Chemco International be liable for consequent or incidental damages.

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## 11. TOXICOLOGICAL INFORMATION

Ingestion:	Aspiration into lungs on ingestion or vomiting may cause broncopneumonia or pulmonary oedema.
Skin:	Irritating.
Eye:	Irritating.

## 12. ECOLOGICAL INFORMATION

This product is readily biodegradable in aerobic water systems.

Degradability:	Readily biodegradable.
Accumulation:	Unlikely to accumulate in the aquatic environment.
Aquatic toxicity:	Very dilute acid below hazardous threshold and is not likely to be toxic to aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

Product disposal:	Dilute product prior to pouring into drains or waterways.
Container disposal:	Dispose of in accordance with local regulations.
Neutralising agent:	Sodium bicarbonate or soda ash. Add cautiously while mixing.

## 14. TRANSPORT INFORMATION

All modes of transport:	This product is considered safe and is therefore suitable for all modes of transport.
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## 15. REGULATORY INFORMATION

No transport or hazardous warning labels are required under CHIP regulations.

Risk phrases:	None.
Safety phrases:	S2, Keep out of reach of children.
TSCA Certifications:	All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

## 16. OTHER INFORMATION

Relevant risk phrases:	None.
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The information contained in this data sheet is based on present state of knowledge and current national legislation (CHIPS). It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for the particular applications.

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