rotafix

PRODUCT SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME AND CODE: **CONCRETE ETCH - 3145** **Component 1 of 1**

COMPANY-UNDERTAKING IDENTIFICATION - **ROTAFIX HOUSE, ABERCRAF, SWANSEA, SA9 1UX. TEL: 01639 730481 FAX: 01639 730858**

2. COMPOSITION/INFORMATION ON INGREDIENTS

NATURE & COMPOSITION: Solution of hydrochloric acid and surfactants.

APPROVED USES: Removing laitence from concrete surface

3. HAZARDS IDENTIFICATION:

Reacts with air to form corrosive acid fumes which are heavier than air and spread at ground level.

Risk phrases: 34, 37	Safety phrases: 26, 45
Primary risk: CORROSIVE	S.I. Number and UN No: 1789
ADR Class: 8, CORROSIVE	Tremcard No: 50(b)BOGO6
CAS No: 7647-01-0	Hazchem Code: 2R

4. FIRST-AID MEASURES:

Remove from exposure. Keep warm and at rest.

INHALATION: Remove victim to ventilated area, if there is respiratory distress give oxygen - seek medical attention

SKIN: Remove contaminated clothing. Rinse with copious amounts of clean water immediately, seek medical attention if irritation persists.

EYES: Irrigate with copious amounts of water for minimum 15 minutes, holding eyelids apart if necessary, seek medical attention.

INGESTION: Rinse mouth with water, drink plenty of water, do not induce vomiting, seek medical attention.

5. FIRE-FIGHTING MEASURES

Non-flammable. May generate toxic and explosive fumes in a fire. Contact with certain metals liberates highly flammable hydrogen gas which may form an explosive mixture with air when involved in fires, highly toxic fumes of chlorine may be evolved. Therefore fire-fighters should wear self-contained breathing apparatus and full body protective clothing

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Contain as much as possible and transfer to a salvage tank. Neutralise with a suitable reagent and flush away with large quantities of water. Disposal of containers according to local regulations. Wash spill site thoroughly after material pick-up is complete. Prevent liquid from entering sewers. Ventilate the area to dispel residual vapours. Full body protective clothing should be worn when dealing with spillages.

7. HANDLING AND STORAGE

STORAGE PRECAUTIONS: Ensure all containers are none metallic and marked “corrosive”. Store in a well ventilated area.

HANDLING: Ensure good ventilation at work place. Wear appropriate protective clothing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RECOMMENDED PROTECTIVE CLOTHING: Waterproof, acid proof outer clothing PVC or rubber.Goggles/glasses, PVC or rubber gloves.

GENERAL PROTECTION AND HYGIENIC MEASURES: Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of work. Avoid contact with eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid	APPEARANCE: Pale green
DENSITY @ 25°C: 1.05	ODOUR: Slight
VAPOUR DENSITY (AIR = 1): N/A	pH: 1.0
VAPOUR PRESSURE @ 25°C:	VISCOSITY @ 25°C:
SOLUBLE IN WATER: In all proportions	

10. STABILITY AND REACTIVITY

Avoid exposure to high temperatures. Corrosive to most metals.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Causes Burns - Irritating to Respiratory system. Liquid and vapour are corrosive to skin, eyes and mucous membranes.

PRIMARY IRRITANT EFFECT:

ON THE SKIN: irritant for skin and mucous membranes

ON THE EYE: irritant effect

SENSITIZATION: sensitization possible by skin contact

12 ECOLOGICAL INFORMATION:

Spillage will affect vegetation. Toxic to Aquatic Life.

GENERAL NOTES: Should not be allowed to enter sewers and water courses.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses. Wastes including emptied containers, are controlled wastes and should be disposed of in accordance with Local and National regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

14. TRANSPORT INFORMATION

ADR/RID HAZARD 80

UN-number: 1789

15. REGULATORY INFORMATION

Supply: Corrosive

Conveyance: Corrosive substance

Phrases: Causes Burns

16. OTHER INFORMATION

Customers are urged to ensure that the product is entirely suitable for there own purpose. It is the customers responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

This information contained herein is based on our present knowledge however, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.