

**ETCHBRITE**
**01 Chemical Product and Company Identification**

Product Name: ETCHBRITE: Concrete Floor and Metal Etch  
 Product Code: ETCH05  
 Supplier: Chaucer Solutions Ltd, Leycourt Farm, Gt. Gransden, Beds SG19 3AS  
 Emergency Telephone: Tel: +44-67 677445

**02 Composition/Information Ingredients**

Hazardous Ingredients:	% Content	CAS No:	EC No:	Symbol:	R Phrases:
PHOSPHORIC ACID	10-30	7664-38-2	231-633-2	C	R34
HYDROFLUORIC ACID	1-5	7664-39-3	231-634-3	T+C	R26,27,28,35
ALKYL AMINE ETHOXYLATE	1-5	58253-49-9		Xn,Xi	R22,36,38

**03 Hazards Identification**

Classification: Causes burns. Toxic by inhalation, in contact with skin and if swallowed

**04 First Aid Measures**

Eye Contact: Rinse immediately with water for 10 minutes. Seek medical attention if any irritation persists.  
 Skin Contact: Wash thoroughly with water. Take off contaminated clothing.  
 Inhalation: Move victim into fresh air. Seek medical advice if victim feels unwell.  
 Ingestion: Wash mouth with water. Seek medical advice if victim feels unwell.

**05 Fire Fighting Measure**

Extinguishing Media: This material is not flammable.  
 Special Exposure Hazards: Fire fighters to wear self contained breathing equipment, if involved in a fire.  
 Advice for Firefighters: Hydrogen gases. Keep container(s) exposed to fire cool, by spraying with water.

**06 Accidental Release Measures**

Clean Up Methods: Absorb spilled material with sand or other inert material. Dispose of in accordance with local authority waste disposal.  
 Environmental Precautions: Do not allow to enter sewers or public watercourses.

**07 Handling and Storage**

Handling: Avoid spilling, skin and eye contact.  
 Storage: Store upright in container provided. Avoid extreme temperatures. Keep 0oC to 40oC.

**08 Exposure Controls and Personal Protection**

Hazardous ingredient. EU established exposure limits:	CAS-No:	TWA	STEL
PHOSPHORIC ACID	7664-38-2	1mg/m3	1mg/m3
HYDROFLUORIC ACID	7664-39-3	1.5mg/m3	2.5mg/m3

**Personal Protection**

Safety glasses/goggles if there is a risk of eye contact.

Wear protective gloves if in contact with skin.

Wear self contained breathing apparatus.

**GOOGLES**

**GLOVES**

**MASKS**


# MATERIAL SAFETY DATA SHEET ETCHBRITE

## 09 Physical and Chemical Properties

Appearance:	Liquid
Colour:	Red
Odour:	Acidic
pH	1.0
Relative density 20°C:	1.28 g/cm <sup>3</sup> (@ 20°C)
Solubility in water:	Soluble in water
Boiling point:	100°C

## 10 Stability and Reactivity

Classification	Stable - Corrosive gases/vapours of acid
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## 11 Toxicological Information

Skin Contact:	Causes severe skin burns
Eye Contact:	Causes painful burns to eyes which can lead to eye damage
Inhalation:	May cause severe burns to mouth, throat oesophagus
Ingestion:	May cause severe burns to stomach

## 12 Ecological Information

Degradability:	Dangerous to the environment if discharged into watercourses.
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## 13 Disposal Considerations

Disposal Method:	Dispose of in accordance with local authority waste disposal. Do not allow to enter sewers or public watercourses.
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## 14 Transportation Information

UN Number:	Un 2922
Transport Name:	
Class:	
Label:	Corrosive

## 15 Regulatory Information

	Corrosive	Toxic	Dangerous to the Environment
Label for Supply:			
Risk Phrase:	R25 Toxic by inhalation, in contact with skin and eyes. R34 Causes burns, irritating to the respiratory system R50/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic Environment		
Safety Phrases:			
UK Regulatory References:			
Approved Code of Practice:	The Control of Substances Hazardous to Health Regulations 2008 The Chemicals (Hazard Information & Packaging) Regulations 2008 Classification and labelling of Substances and Preparations Dangerous Supply		

## 16 Other Information

User Notes:	The information in this safety data sheet is compiled in compliance with Directive 2001/58/EC and is accurate to the best of our knowledge. The COSHH assessment should also ensure that recommended safety equipment is available and where applicable the exposure limits detailed in section 8 are not exceeded.
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