

SAFETY DATA SHEET
Xcem Acid Etch

➤ **IDENTIFICATION of SUBSTANCE, PREPARATION and COMPANY UNDERTAKING:**

1.1 Trade Name: Acid Etch

1.2 Intended use of product: Phosphoric acid based etchant gel for Professional Use.

1.3. Xcem Product ID: 00013

1.4 Contact Address: Xcem Ltd.
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Belvedere Kent
DA17 5QH

1.5 E-mail address and emergency contact number:

admin@xcem.co.uk
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➤ **2. HAZARDS IDENTIFICATION:**

Risk phrases:

Xcem™ This product is not classified as hazardous according to EU Directive 1999/45/EC.

➤ **3. COMPOSITON/INFORMATION ON INGREDIENTS.**

| Ingredients | CAS No. |
|-------------------------|----------------|
| 35%-37% Phosphoric Acid | 7664-38-2 |
| Blue Pigment | Trace |

➤ **4. FIRST AID MEASURES:**

- 4.1 Contact with eyes: Wash with large amount of water, if symptoms remains, get medical advice.
- 4.2 Contact with skin: Wash affected area with soap and water. If signs/symptoms persist and develop, get medical advice.
- 4.3 Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical advice.
- 4.4 Ingestion: Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

➤ **5. FIRE-FIGHTING MEASURES**

- 5.1 Use fire extinguisher with class B extinguishing agent i.e. Dry chemical, Carbon dioxide.
- 5.2 Not flammable, ordinary combustible material.
- 5.3 Water may be used to blanket the fire. Use full Personnel Protective Equipment (PPE) and a self contained breathing apparatus.

➤ **6. ACCIDENTAL RELEASE MEASURES**

Personal Protection

- 1.0 Avoid the contact with the eyes
- 2.0 Don't let the material to come in contact with your skin
- 3.0 Don't touch the material
- 4.0 Don't ingest

Method of Cleaning

- 1.0 Ventilate the area with fresh air
- 2.0 Clean any spillage
- 3.0 Cover with the absorbent.
- 4.0 Collect the maximum material as you can
- 5.0 Clean up residue
- 6.0 Dispose the collected material

➤ **7. STORAGE:**

- 1.0 Store at Ambient temperature
- 2.0 Store away from Sun light
- 3.0 Store away from heat

➤ **8 PHYSICAL AND CHEMICAL PROPERTIES**

| | |
|----------------------|-----------------|
| Appearance and Odour | Blue colour gel |
| pH | Not Determined |
| Boiling Point | Not Determined |
| Melting point | Not Determined |
| Flash point | Not Determined |
| Auto flammability | Not Determined |
| Water solubility | Not Determined |
| Vapour Density | Not Determined |
| Viscosity | Not Determined |

➤ **9 EXPOSURE CONTROL/PERSONAL PROTECTION**

| | |
|------------------------------|-----|
| Occupational Exposure limits | N/A |
| Personal Protection | PPE |

| | |
|------------------------|---|
| Respiratory protection | N/A |
| Skin Protection | Overalls, rubber gloves |
| Eye protection | Goggles/eye shields |
| Industrial Hygiene | Wash hands thoroughly after contact with this product |

➤ **10 STABILITY AND REACTIVITY**

Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

Conditions to avoid

Extremely high or low temperatures.

Incompatible materials

Bases. Strong acids.

➤ **11 TOXICOLOGICAL INFORMATION**

- 1.0 After contact with eyes moderate eyes irritation, symptoms may include redness, swelling, pain, tearing, and blurred
- 2.0 After contact with skin contact no significant irritation take place
- 3.0 After inhalation the signs/ symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat.
- 4.0 Sign of Ingestion include abdominal pain, stomach upset, nausea, Vomiting and diarrhea

➤ **12 ECOLOGICAL INFORMATION**

Environmental Data: Not determined.
 Mobility in Soil and Water: Not determined.
 Persistence/Biodegradability: Not determined.
 Ecotoxicity Data: Not determined.

➤ **13 DISPOSAL CONSIDERATIONS**

Dispose of wastes in sanitary landfill. Or incinerate waste product in an industrial or commercial incinerator.

➤ **14 TRANSPORT INFORMATION**

In accordance with ADR / RID / IMDG / IATA / AND

UN number

UN-No. (ADR) : 1805

UN-No. (IMDG) : 1805

| | |
|-----------------|----------------|
| UN-No. (IATA) : | 1805 |
| UN-No. (ADN) | 1805 |
| UN-No. (RID) | Not Applicable |

➤ **15 REGULATORY INFORMATION**

The information in this MSDS does not constitute an assessment of workplace risks.

➤ **16 OTHER INFORMATION**

The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.