

**ANGLO BUILDING PRODUCTS LTD**

BRANKSOME HOUSE, FILMER GROVE, GODALMING, SURREY GU7 3AB

TEL: 01483 427 777 FAX: 01483 428 888

**MATERIAL SAFETY DATA SHEET**

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**REVISION (2): 9/8/00**

**1 PRODUCT NAME: Cement Cleaner / Etchant**

**2 CHEMICAL COMPOSITION:**

∞ An acid based cleaner containing hydrochloric acid.

(2.1)	CAS No.	Wt%	Symbol	R Phrases
Hydrochloric Acid	7647-01-0	14	Xi	36, 37, 38

**3 HAZARDS IDENTIFICATION: Irritating to skin, eyes and respiratory system.**

**4 FIRST AID MEASURES:**

- 4.1 General Advice: Remove contaminated clothing. If you feel unwell, seek medical advice immediately.
- 4.2 Inhalation: Remove to fresh air.
- 4.3 Eye Contact: Rinse with copious amounts of water and seek immediate medical attention.
- 4.4 Skin Contact: Wash immediately with water.
- 4.5 Ingestion: Do not induce vomiting, give plenty of water and milk of magnesia, seek immediate medical attention.

**5 FIRE PRECAUTIONS: N/A**

- 5.1 Extinguishing Media:
- 5.2 Extinguishing Media NOT to be used:
- 5.3 Product Combustion Hazards:
- 5.4 Special Protective Equipment for Firefighters:

**6 SPILLAGE:**

- 6.1 Personal Precautions: Ensure good ventilation. Wear suitable protective clothing and eye protection.
- 6.2 Environmental Precautions: Do not allow to enter drains or open water courses.
- 6.3 Removal of Spillage: Drench with water. Neutralise with sodium bi-carbonate.
- Further Advice: -

**7 HANDLING & STORAGE:**

- 7.1 Safe Handling: Avoid extremes of temperature. Wear suitable protective clothing.
- 7.2 Safe Storage: Keep in tightly closed plastic containers. Avoid extremes of temperature. Keep out of reach of children.

**8 PERSONAL PROTECTION:**

- 8.1 Respiratory Protection: Use only in well ventilated areas.
- 8.2 Hand Protection: Acid resistant gloves.
- 8.3 Eye Protection: Safety glasses.
- 8.4 Skin Protection: Long sleeved clothing.

**9 PHYSICAL & CHEMICAL PROPERTIES:**

- 9.1 Appearance: Clear / yellow liquid
- 9.2 Odour: Acidic
- 9.3 Colour: -
- 9.4 Boiling Point/Range: >100 C
- Flash Point: -
- Auto Ignition Temp: -
- Oxidising Properties: -
- Relative Density: >1.0 g/c.c.
- Melting Point/Range: -
- Flammability(solid, gas): -
- Explosive Limits: -
- Vapour Pressure: -
- Water Solubility: Soluble
- Other Data: -
- Solvent Content: 0%

**10 STABILITY & REACTIVITY:**

- 10.1 Conditions to avoid: Hypochlorite bleaches.
- 10.2 Materials to avoid: Strong bases.
- 10.3 Hazardous Decomposition Products: HCl gas.

**11 TOXICOLOGICAL INFORMATION:**

- 11.1 Toxicity: LD50 Oral: -
- LD50 Skin: -
- Skin Irritation: Yes.
- Sensitisation: -
- Inhalation: -
- Recommended Exposure Limit: STEL 5 p.p.m. for hydrogen chloride.

**12 ECOLOGICAL INFORMATION: Not available.**

13 **SAFE DISPOSAL:**

13.1 Product: Neutralise with sodium bicarbonates.

13.2 Container: Rinse with sodium bicarbonate solution.

14 **TRANSPORT INFORMATION:**

Hazard Class:	8	UN No:	1789
Packing Group:	III	Flash Point:	-
ADR Class:	8	Item:	5 (c)
Technical Name:	Hydrochloric acid solution		

15 **REGULATORY INFORMATION:** IRRITANT Xi

*R phrases*

36/37/38: Irritating to eyes, respiratory system and skin.

*S phrases*

2: Keep out of reach of children.

26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Other Data: -

16 **OTHER INFORMATION:** -