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## ACIDS & CAUSTICS

# Diggers Hydrochloric Acid

### DESCRIPTION

**Diggers Hydrochloric Acid (HCL)** is a solution of hydrogen chloride in water that is used as a pool pH adjuster and surface preparation treatment.

### TYPICAL USES

- Etching concrete floors prior to painting
- pH adjuster for pool water
- Brick cleaning
- Metal cleaning
- Chemicals manufacturing

### FEATURES

- Colourless liquid with a very sharp, biting odour (*do not inhale*)
- Widely used in mining, building and pool industries

### APPLICATION

#### For Brick Cleaning & Etching

1. Remove lumps of cement with a scraper. Wet bricks thoroughly with water to prevent acid soaking into the bricks – failing to do so could result in bricks turning yellow/ green.
2. Mix 1 part of **Diggers Hydrochloric Acid** with up to 10 parts water.
3. Apply acid solution with a broad brush and then rinse off with water once chemical reaction (frothing) has ended.

#### As a pH Adjuster for Pool Water

1. Add 100ml of **Diggers Hydrochloric Acid** per 40,000 litres of pool water to lower pH by 0.1 point (i.e. 7.9 to 7.8).
2. Run pool pump for at least 1 hour after adding the acid.

*NOTE: Never mix Hydrochloric Acid with Sodium Hypochlorite (Chlorine).*

### SAFETY

Wear suitable protective clothing, gloves and eye / face protection when using this product. Always add acid to water (never add water to acid).

### Typical Characteristics

Appearance.....clear, colourless  
to yellow fuming liquid  
Odour.....hydrogen chloride gas  
Specific Gravity..... 1.18  
Boiling Point.....91–98°C  
pH.....<1



MSDS available



| Code      | Pack Size     | Unit Barcode  | Carton Barcode | Ctn/Plt |
|-----------|---------------|---------------|----------------|---------|
| 16409-1   | 12 x 1 litre  | 9311052001817 | 19311052001814 | 52      |
| 16409-3   | 4 x 2.5 litre | 9311052120020 | 19311052120027 | 72      |
| 16409-5N  | 3 x 5 litre   | 9311052120051 | 19312852002278 | 42      |
| 16409-20  | 1 x 20 litre  | 9311052000933 | N/A            | 32      |
| 16409-20R | 1 x 20 litre  | 9311052120044 | N/A            | 32      |

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