

# FINE ETCH CRYSTALS

**Part Number: 600-033**  
**2 litre mix.**

## Description

Fine etch crystals for producing a clean, non staining, solution for etching copper printed circuit boards.

## Preparation

**BEFORE HANDLING WEAR PROTECTIVE CLOTHING AND READ THE HEALTH AND SAFETY INFORMATION ON THE REAR OF THIS SHEET.**

The powder will make 2 litres of etching solution. Add 1.8 litres of hot, 45°C – 50°C water to a suitable container. Slowly stir in the crystals until dissolved. add the remaining hot water to make up the 2 litres of etching solution. Finally transfer the liquid to a suitable etching tank.

## Usage

For safe and efficient etching, always use at approximately 45°C in a Mega temperature controlled Bubble Etch Tank. Normally copper PCB laminate will etch in 5 – 10 minutes. Depending on usage the etching solution will last between 3 and 8 weeks in a tank. When the etching time becomes particularly long either replace the liquid or alternatively the solution life can be slightly extended by adding some more crystals.

## Health and Safety

Always wear protective clothing. Full Health and Safety details are on the rear of this instruction sheet. A report by an occupational hygienist concluded that under the test conditions, **NO LOCAL VENTILATION IS REQUIRED** using this etchant in Mega's PCB processing tanks. Copies of the report are available on request.

## Associated Products

A range of associated products for use with this etchant are featured in our free product catalogue. Please telephone us for your free copy.



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