410

Ammonium Persulphate

410 Ammonium Persulphate is a copper etchant compound used as an alternative to traditional ferric chloride to produce a cleaner copper etchant solution.

One kilogram of ammonium persulfate mixed with water will produce four liters of etching solution.



Features & Benefits

Transparent solution allows visual inspection of the etching process

Compatible with tin etch resist

Non-staining solution

CARB compliant

Storage and Handling

Store between -16 and 27 ˚C in a dry area, away from sunlight (see SDS).

Available Packaging

Part #	Packaging	Net Wt.
410-1KG	Bottle	1 kg

Application Instructions

Read the product SDS for more detailed instructions before using this product.
If further directions for etching or making a printed circuit board (PCB), consult the photofabrication process guide available free from your dealer.Use only glass or plastic containers.

1. Dilute 250 g per L (2.2 lb per gallon) of ammonium persulfate to water.
2. Fully immerse copper board in solution.
3. (Optional) Agitate until etching action is complete. To speed up etching, Warm the ammonium persulfate solution to 40 °C.

Properties

Appearance	White crystalline salt
Odor	None
Molecular Weight	228.2 g/mol
Density @ 25 °C	1.98 g/mL
Melting Point	120 °C (decomposes)
Shelf Life	5 y

Disclaimer: This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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