



AUTOMATED CHEMICAL SOLUTIONS

Chemicals and Controllers for PWB Fabrication

Product Overview

μETCH ME-2211

Copper Microetch

Product Description

ME-2211 is a stabilized, liquid sodium persulfate microetch. Sodium persulfate has long been considered the industry standard for copper microetching but is messy and difficult to use in powdered form. ME-2211's liquid formulation eliminates inconsistency and labor intensive make-ups while stabilizer additives increase pot life and lower operating costs. ME-2211 combines affordability with ease of use to provide consistent and reliable surface preparation.

Physical Properties

Specific gravity: 1.2
pH: >2
Appearance: clear, water white
Freezing point: <40 °F

Bath Make-Up

50 – 100% μETCH ME-2211
0 – 50% DI water

Operating Parameters

Copper loading: 2 - 5 oz/gal (15 – 37.5 g/L)
Dwell time: 1 – 2 minutes
Temperature: 80 °F – 110 °F

Storage

Store in original containers above 40 °F.

Safety

Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

Notice

The information and recommendations of Automated Chemical Solutions, Inc., and its representatives, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent.