



# Technical Data Sheet

Product Code: 0005321 Revised Date: 10/24/2024

## Dissolvene MS-40

### Product Description

Dissolvene MS-40 is an aqueous based alkaline solution designed to strip and remove a cured dry film solder mask as well as most liquid solder masks from printed circuit boards.

### Performance Features

- Dissolvene MS-40 will not attack bottom coat of base laminate
- Dissolvene MS-40 will effectively remove all cured dry film and liquid photo-imageable solder mask in about 10-40 minutes

### Physical Specifications

Physical State	Liquid
Appearance	Water White
pH	>12
Water Solubility	Complete

### Equipment Requirements

Tanks should be constructed of stainless steel or reinforced, heat-resistant polypropylene. Racks should be stainless steel and the heaters should be constructed of stainless steel.

### Product Make-Up

Dissolvene MS-40 is a ready to use product and should NOT be diluted.

### Concentration and Application Method

The performance of Dissolvene MS-40 increases with elevated temperature.

Temperature	140 °F to 160 °F
Circulation Time	10 to 45 minutes

### Procedure

1. Pipette a 2mL sample of Dissolvene MS-40 working bath into a 250mL Erlenmeyer Flask
2. Add 50mL of Deionized Water.
3. Add 5 to 10 drops of Phenolphthalein Indicator.
4. Titrate with 1.0N Hydrochloric Acid, with stirring or swirling of flask, to a water clear endpoint.

### Calculation

% Dissolvene MS-40 = mL of HCL X Normality of HCl X 8

### Maintenance

Dissolvene MS-40 should be maintained between 80% and 100% for optimum results.

### Safety and Handling

Please review and understand the Dissolvene MS-40 SDS before handling.

### Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations.



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## Ordering Information

Dissolvane MS-40 is available in 5-gallon pails and 55-gallon drums.



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