

# StatMat™ Cleaner

## Protect Sensitive Electronics with Cleaner, More Conductive Static Mats



StatMat™ is a mild surface cleaner that enhances workplace hygiene while protecting sensitive electronics as well as expensive static mats.

- Removes Fluxes, Oils, Fingerprints and Grime
- No Mat-Destroying Caustics, Ammonia or Alcohols
- Nonflammable, Noncorrosive and Plastic-Safe
- Effective on Lead-Free Residues
- Extends Mat Life, Avoids Cost of Expensive Replacements

### General Information

StatMat™ ESD Cleaner is the industry's top choice for cleaning benchtop static mats. It is a mild, water-based cleaner engineered to remove grime from static mats without damaging the protective capabilities of those mats. This means StatMat™ lowers costs while boosting quality.

### About the Product

Conductive mats lose their ability to dissipate these static charges due to insulating dirt and grime on their surfaces. Mats on workbenches can carry up to 30,000 volts of component-frying ESD. StatMat™ ESD Cleaner removes this grime, which protects and even enhances a company's ESD program. After a thorough cleaning with StatMat, a process which takes less than 60 seconds, static charges will drop below measurable levels.

This nonflammable cleaner is water-based and is safe on all metals, plastics and elastomers. Unlike competing products, StatMat does not contain caustics, ammonia, or alcohol which will dry and crack ESD mats. In addition, it has a pH that is almost neutral because highly caustic cleaners, such as certain competing products, cause the mats to deteriorate and lose their dissipative traits. StatMat also is completely ozone-safe and has a low global warming potential.

Micro Care recommends cleaning all ESD mats and surfaces as part of the start-of-day routine. This will pay for itself in reduced defect rates and warranty costs.



### Technical Details

Chemical Family	Aqueous Blend
Appearance	Clear, Pale Blue Liquid
Aroma	Slight, mild
Boiling Point	100° C / 212° F

### Solvency & Cleaning Data

Specific Gravity (@ 25°C)	0.9
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### Health, Safety & Environmental Data

Toxicity Rating (ppm, 8-hr. TWA, PEL)	400
Flashpoint (TCC)	None
Safety Rating	Nonflammable
NFPA	Health: 0; Fire: 1; Reactivity: 0
Ozone Impact	Zero
RoHS and WEEE Compliant	Yes
SNAP Approved	Not Applicable

### Packaging

Pump Spray	12 oz. / 340 g	MCC-MAT
Minicube	6 lbs / 2.72 k	MCC-MATG
Cubitainer	32 lbs / 14.5 k	MCC-MATP
Drum	400 lbs / 181.4 k	MCC-MATD

This product is packaged in the refillable pump sprayer (photo, left). The refillable pump sprayers are packaged in cases of ten (10) cans per box. Money-saving refills are packaged in Micro Care's unique, easy-pouring "cubitainers" which reduce the risk of spills and minimize injuries from lifting heavy containers. Refills are available in the sizes shown above.

The shelf life for all of these products is unlimited.

Each case of pump sprayers are packaged with 100 sheets of the recommended lint-free wipe for benchtop cleaning of tools and test equipment. Bulk products do not come with lint-free wipes.

Shake before use. The StatMat™ Cleaner will separate over time; momentary shaking will return the solvent to a completely mixed condition. This product leaves a fine, thin residue on surfaces after cleaning; the residue will dissipate in 7-10 working days under normal conditions and will need to be renewed to maintain the mat's protective properties. This cleaner is not suited for use on CRTs or video displays; nor is it suited for use in stencil printers or in bulk cleaning machines. This product is 100% VOC exempt using SCAQMD guidelines.

### Related Products

For mild, nonflammable cleaning, switch to the **BGA Stencil Cleaner**, a water-based solvent that's designed for manual cleaning of stencils and tools. A wide variety of lint-free wipes and stencil rolls also are available from MicroCare.

### Product Notes

AVAILABILITY. This product is available from MicroCare distributors world-wide. Contact your local distributor at [www.MicroCare.com](http://www.MicroCare.com) for details.

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