MicroCare

Technical Specification

Reflow Oven Cleaner

Uses Free Residual Heat to Speed Cleaning on Ovens, Pallets, Conveyors

The Reflow Oven Cleaner is more powerful and highly cost-effective because it leverages the residual heat of the oven to speed the cleaning process

- **Great on All Pastes, Including Lead-Free and No-Clean**
- **Slower Drying for Maximum Throughput and Optimal Tack-Time**
- **Highly Economical**
- **Nonflammable for Safety**
- **Out-performs Alcohol**

General Information

The Reflow Oven Cleaner uses the heat of the ovens, solder machines, pallets and conveyors to speed the cleaning of these essential systems. Because it cleans better with less effort, this cleaner boosts productivity and lowers costs.

About the Product

The Reflow Oven Cleaner attacks charred, baked-on flux residues with a mix of water, alkaloids and proprietary long-chain alcohols. This cleaner becomes more active when heated. Since most reflow ovens are already warm, using that latent heat makes the cleaning process faster and the results better. When compared to flammable alcohol cleaners, Reflow Oven Cleaner slashes cleaning times 50% while improving results.

Using alcohol on reflow ovens makes the cleaning more difficult. Alcohol actually cures the flux residues in the oven, so the chore becomes slower and harder after each cleaning cycle. The Reflow Oven Cleaner cuts through the residues and actually makes the process easier over time. It's simply a better tool, so it's easier for techs do a better job. Similarly, because this cleaner is nonflammable, it often is used to replace alcohol in the finger cleaning systems of wave solder machines. It also is used on pallets, conveyors, flux condensers, baffles, heating elements, clamps, chains, pulleys, gears and housings. It is suitable for hand-wiping or ultrasonic dip tanks.

This product removes all flux residues. The cleaner dries quickly, leaves no residues and is noncorrosive. It is a sophisticated, ozone-safe, environmentally progressive cleaning choice.

RoHS / WEE Pb COMPLIANT

Technical Details

Chemical Family	Aqueous Blend
Appearance	Clear Liquid
Aroma	Mild, aromatic
Boiling Point	>97° C / 208° F

Health, Safety & Environmental Data

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

Packaging

Pump Spray	12 oz. / 340 g	MCC-ROC
Minicube	7 lbs. / 3.16 k	MCC-ROCG
Cubitainer	30 lbs. / 13.6 k	MCC-ROCP
Drum	436 lbs. / 197.8 k	MCC-ROCD

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. Not recommended for use in stencil printers. Ensure the solvent is agitated periodically or the solvent will foam during cleaning. For best results, use when the oven or wave solder machine is warm but not hot (approx. 45°C / 107°F). Always wear gloves when working near solder paste.

This cleaner is optimized for heated applications. In bulk cleaning machines, the solvent can be warmed to 60°C/140°F for extremely effective cleaning. In a cold dip tank, heat the cleaner with an immersion heater. A 240 volt, single-phase immersion heater will raise 30 gals./ 110 liters of solvent to 45°C / 107°F in two hours. Available from Pearse-Bertram, Bloomfield CT USA at 860.242.7777.

Related Products

For milder, 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 for details.

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