

MCI-2330 Multi Purpose Cleaner

Description product

MCI-2330 is a concentrated high strength solvent cleaner containing a blend of organic solvents and inhibitors. This cleaner is specially designed to remove strong residues of solder paste, flux and other common electronic assembly residues. The system is a low VOC cleaner that can be used in different cleaning applications.

MCI-2330 is used to remove a wide range of organic and inorganic soils including rosin flux, low residue paste, organic acid flux, uncured adhesives, no-clean fluxes, tacky and lead-free.

Receiving and storage

The cleaner is packed in a 1, 10 or 200 liter container.

The shelf-life of Cobar cleaners is best guaranteed at temperatures below 20 °C and a relative humidity below 70%. The shelf-life for this product is 5 years (as long as it is stored in a sealed container). Older batches should be used prior to new batches. The badge age can be identified by the expiry date on the label on the packaging.

Operating conditions

MCI-2330 solvent cleaner is a ready to use cleaning solvent and does not have to be diluted. The material can be used in different applications:

- Spray Under Immersion (SUI)
- Ultrasonic Systems (US)
- Spray In Air (SIA)

Recommended wash temperatures: ambient, for washing equipment approx. 65 °C.

Application Note

Optimal cleaning conditions depend on temperature, time and cleaning application. The product is Biodegradable and should preferably be rinsed with DI-water. Hot dry air can be used to dry after cleaning.

Implementation of **MCI-2330** in your cleaning equipment:

- Check the compatibility of all used materials in the equipment. Replace if necessary.
- Remove the previous used cleaner out of the system
- Clean or replace all filters that have been exposed to other cleaners.
- Check all mechanical parts
- Inspect visually all surfaces. These should be free of cleaner residues.
- Run two to three full cycles with DI water to completely clean the entire system.
- Remove the water out of the system.
- Inspect visually all surfaces. These should be free of cleaner residues.
- Once the recommended process temperature has been reached, cleaning may commence.

Care should be taken to minimize cleaner drag-out into the rinse solutions.

Residues

When used in a proper cleaning application with the correct settings **MCI-2330** removes fresh and aged reflowed solder pastes, tacky flux, lead-free flux and uncured adhesives. The low level surfactancy enhances cleaner wettability, water rinse ability and also promotes media filterability of the wash and rinse solutions.

Material compatibility

This Cobar cleaner is compatible with metals like, Stainless Steel (304 and 316), Aluminum, Copper, Cast Iron, etc. **MCI-2330** has proven compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes.

MCI-2330 is compatible with most plastics and elastomers. Only for use in combination with Viton, Polyurethane, Acrylic, Polycarbonate, PVC and Neoprene it is not recommended.

For a more detailed list or specific materials contact Cobar Europe B.V.

Application Note

Disposal

Field experiences have shown an indefinitely life when maintained properly. Most often the bath is changed out due to mechanical reasons rather than chemical failure. Verify the local environmental legislation whether the rinse waters can be sewerred.

Disclaimer:

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