

Product Bulletin

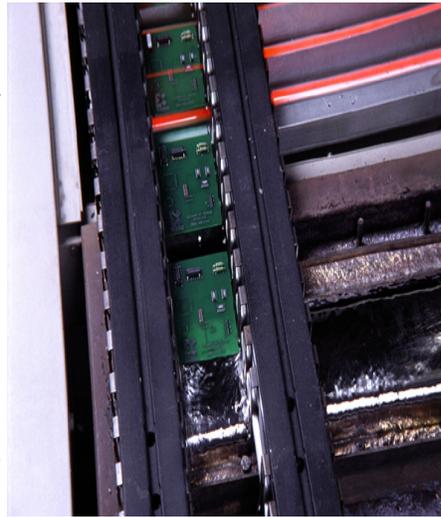
CYBERSOLV® C8501

Effective Full-Strength Maintenance Cleaner

FEATURES & BENEFITS

- VISCIOUS; STAYS IN PLACE FOR OPTIMUM CLEANING
- USE AS RECEIVED
- MULTI-METAL SAFE
- REMOVES BAKED-ON SOILS
- NO HAP'S
- NO ODC'S
- ROHS COMPLIANT
- NON-FLAMMABLE

CYBERSOLV C8501 is a full strength solvent blend specially designed for optimum effectiveness in immersion/ultrasonics and manual applications removing pastes, tacky fluxes, uncured adhesives, rosin flux, no clean flux, lead-free flux and assembly residues, etc. while being relatively people-safe and environmentally friendly. Easy to use, C8501 is applied as received. A rinse is optional for complete removal of all traces of soils and cleaner residues.



TYPICAL SOILS

- Lead-free Flux
- Tacky Flux
- Uncured SMT Adhesives
- Misprinted Paste
- No Clean Flux
- RMA Flux
- OA Paste
- Oils

Typical Physical and Chemical Properties:

Appearance	Clear colorless liquid	pH 100%	10.5-11.5
Odor	Mild	pH 10%	10.0-11.0
Specific Gravity	1.005	VOC, 100%	271.5 g/L
Weight/gallon	8.39 #	VP of VOC Comp.	0.04 mmHg at 20 °C
Flash Point, °F/°C	None to boiling	Refractive Index	22-32° Brix at 100%
Boiling Point, °F/°C	217/102	Water Solubility	Moderate

Suggested Process Parameters:

<u>Process Type</u>	<u>Concentration Range</u>	<u>Temperature Range</u>	<u>Rinse/Dry</u>
Spray; In-line or Batch	Not Recommended		
Spray; Stencil	Not Recommended		
Immersion, Agitation	100%	ambient °F	DI/Air
Immersion, Soak	100%	ambient °F	DI/Air
Immersion, Ultrasonics	Not recommended		
Manual Wipe	100%	ambient	Optional

The above conditions are meant to be starting ranges. Process parameters may be increased or decreased as needed depending on the specific parts and soils involved. Your Kyzen Sales Representative can assist you in optimizing your process parameters.

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Compatibility:

CYBERSOLV C8501 is multi-metal safe for use on yellow metals, aluminum, ferrous and composites in addition to most precious metals. It is safe to use with PVDF, Kalrez®, Teflon and ceramic elastomers and filters, while it is best used in polypropylene or stainless equipment.

Hints for Successful Use:

- Effective at all-temperatures, performance is optimum at ambient temperature.
- CYBERSOLV C8501 is not recommended for use with ultrasonics.
- For a mirror finish on your solder bumps, rinse with deionized (DI) or reverse osmosis (RO) water.
- Dry parts with hot or circulating air.
- Time should be optimized for the parts and equipment involved.
- Lead-free and high temp. re-flow soils may require longer cleaning times for optimum effectiveness.

Rinsing and Drying:

- Use deionized (DI) or reverse osmosis (RO) water to minimize dendritic growth
- Keep rinses fresh, monitoring by conductivity or resistivity. Recycle.
- Inspect nozzles and equipment regularly. Repair and maintain as needed.

Environmental, Health and Safety:

CYBERSOLV C8501 is a biodegradable aqueous solution with 271.5 g/L VOC at 100%. It contains no CFC's or HAP's, It is non-flammable and non-corrosive. Refer to the Material Safety Data Sheet for more information.

Storage and Handling:

All ingredients in this product are TSCA listed. It is a non-flammable, non-corrosive liquid.

Packaged in polyethylene containers, CYBERSOLV C8501, with the seal unbroken, has a suggested shelf-life of one year.

Availability:

CYBERSOLV C8501 is available commercially in one (1) gallon, five (5) gallon and 55 gallon containers as well as in spray bottles and in tubs with pre-saturated wipes.

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