

Product Bulletin

CYBERSOLV® C8502

Full-Strength Maintenance Cleaner

FEATURES & BENEFITS

- REMOVES ALL BAKED ON FLUX RESIDUES
- SAFE IPA ALTERNATIVE
- WATER RINSABLE
- SAFE ON GLASS AND CERAMICS
- MULTI-METAL SAFE
- NON-FLAMMABLE
- NO HAP'S
- NO CFC'S
- ROHS COMPLIANT

Cybersolv® C8502 chemistry is specially designed to rapidly remove all types of flux residues from solder fingers and reflow ovens. Even hard to remove lead free is no challenge for this environmentally friendly chemistry. Cybersolv® C8502 is a non-flammable alternative to IPA while maintaining low VOC's and virtually no odor. C8502 is used as received; or can be further diluted with water. Finally an environmentally friendly solution that works.



Typical Physical and Chemical Properties:

Appearance	Clear colorless	pH 100%	11.0-12.0
Odor	Low to no odor	Boiling Point, °F/°C	>200/>98
Specific Gravity	0.98-1.02	VOC, 100%	503.2 g/L
Weight/gallon	8.33 #	VP of VOC Comp.	0.57 mmHg at 20 °C
Flash Point, °F/°C	None to boiling	Water Solubility	Complete

Suggested Process Parameters:

<u>Process Type</u>	<u>Concentration Range</u>	<u>Temperature Range</u>	<u>Rinse/Dry</u>
Manual Spray & Wipe	100%	Ambient	Optional
Immersion	50-100%	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® C8502 is multi-metal safe for use on yellow metals, aluminum, ferrous and composites in addition to most precious metals.

Hints for Successful Use:

- Pour into the finger cleaner reservoir (per machine manufacturer's instructions) and run.
- Spray on warm re-flow oven (110 - 120°F) and wipe with clean cloth.
- Some flux build ups may require multiple applications and/or longer soak times for desired results.
- Multi Metal safe and can be used to clean other areas of production equipment.

Environmental, Health and Safety:

CYBERSOLV® C8502 is a biodegradable aqueous solution with 503.2 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® C8502, with the seal unbroken, has a suggested shelf-life of six months.

Availability:

CYBERSOLV® C8502 is available commercially in one and five gallon containers as well as in spray bottles and in tubs with pre-saturated wipes.

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062006