

# CHEMTRONICS®

## Technical Data Sheet

**TDS # 7200**

### Flux-Off® CZ

### Flux Remover

#### PRODUCT DESCRIPTION

Flux-Off® CZ Flux Remover is a highly effective cleaner for removing rosin-based fluxes from electronic components and assemblies. Utilizing Cirozane™, which is based on new **HFE technology**, this nonflammable, non-ozone depleting aerosol quickly removes flux without harming sensitive materials.


- Quickly removes all rosin-based flux residues
- Excellent material compatibility
- Evaporates quickly
- Leaves no residues
- Has low odor
- Penetrates tight tolerance areas
- Also removes oil, grease, and ionic residues
- Contains no CFCs, HCFCs or 1,1,1 Trichloroethane

#### TYPICAL APPLICATIONS

Flux-Off® CZ Flux Remover eliminates flux residues and cleans:

- Through-hole Circuit Boards
- Surface Mount Pads
- Chip Carriers
- Ball Grid Arrays
- Switches
- SMT Components
- Metal or Plastic Housings

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	90°F (Initial)
<b>Specific Gravity</b> (water = 1 @ 77°F)	1.50
<b>Flash Point (TCC)</b>	None to Boiling
<b>Evaporation Rate</b> (Butyl acetate=1)	>1
<b>Kauri-Butanol</b> (KB) Number	36
<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Ethereal Odor
<b>Surface Tension</b> (dynes/cm @ 25°C)	12.2
<b>Solubility in Water</b>	Negligible
<b>Dielectric Breakdown</b> (ASTM D-877)	7 kV
<b>Shelflife</b>	Aerosols 5 years Liquids 2 years after opening
<b>RoHS/WEEE</b> Status	

#### COMPATIBILITY

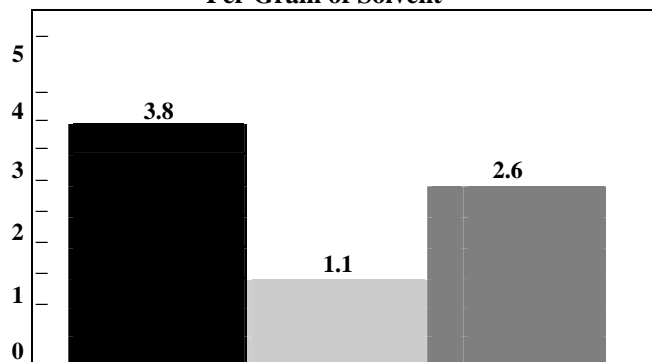
Flux-Off® CZ Flux Remover is generally compatible with most materials used in the electronics industry. With any cleaning agent compatibility solvent/component must be determined on a non-critical area prior to use.

**Material****Compatibility**

ABS	Excellent
Buna-N	Excellent
EPDM	Excellent
Graphite	Excellent
HDPE	Excellent
Kynar™	Excellent
LDPE	Excellent
Lexan™	Good
Neoprene	Excellent
Noryl	Excellent
Nylon™ 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Good
PVC	Excellent
Silicone Rubber	Excellent
Teflon™	Excellent
Viton™	Excellent

**COMPETITIVE ASSESSMENT**

Milligrams of Rosin Flux Removed  
Per Gram of Solvent



Flux-Off CZ Flux Remover	CFC-113 (TF)	HCFC-225
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**NOTE:**

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly.

CHEMTRONICS® does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

**AVAILABILITY**

ES7200	12 oz. Aerosol
ES7208B	5 oz. Brush Clean System
ES7201	1 Gallon Liquid

**TECHNICAL & APPLICATION ASSISTANCE**

Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is:

**1-800-TECH-401.**

**USAGE INSTRUCTIONS**

For industrial use only.

Read MSDS carefully prior to use.

Spray 4-6 inches from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away flux residues, dirt and dissolved oil. For precise application use attached extension tube.

**MANUFACTURED BY:**

ITW CHEMTRONICS

8125 COBB CENTER DRIVE

KENNESAW, GA 30152

1-770-424-4888

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