

**Electro-Wash® CZ  
Cleaner Degreaser****PRODUCT DESCRIPTION**

Electro-Wash® CZ Cleaner Degreaser is an all purpose cleaner for electronics that is nonflammable, non-ozone depleting, and safe on plastics. This fast drying precision cleaner contains Chemtronics' Cirozane™, which is based on new **HFE technology**. It is excellent for removing grease, oil, and flux residues from energized equipment.

- Removes dirt, oil, grease, flux and many other contaminants
- Nonflammable
- Excellent material compatibility
- Non-ozone depleting
- Leaves no residues
- Evaporates quickly
- Low Odor
- Contains no CFCs, HCFCs, or 1,1,1 Trichloroethane

**TYPICAL APPLICATIONS**

Electro-Wash® CZ Cleaner Degreaser is excellent for cleaning:

- Printed Circuit Boards
- Contacts
- Cable Assemblies
- Sensitive Plastic Surfaces
- Magnetic Heads
- Electronic Controls
- Edge Connectors
- Light Flux Residues

**TYPICAL PRODUCT DATA AND  
PHYSICAL PROPERTIES**

<b>Boiling Point</b>	90°F (Initial)
<b>Flash Point (TCC)</b>	None to Boiling
<b>Solubility in Water</b>	Negligible
<b>Specific Gravity (water = 1 @ 77°F)</b>	1.53
<b>Evaporation Rate (Butyl acetate=1)</b>	>1
<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Slight Ethereal
<b>Surface Tension (dynes/cm @ 25°C)</b>	11.6
<b>Kauri-Butanol (KB) Number</b>	38
<b>Dielectric Breakdown (ASTM D-877)</b>	17 kV

**COMPATIBILITY**

Electro-Wash® CZ Cleaner Degreaser is generally compatible with most materials used in the electronics industry. With any cleaning agent compatibility must be determined on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
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

## AVAILABILITY\*

ES7100 400 ml Aerosol  
 ES7108B 200 ml BrushClean System

\* In either "E" (GB,F,D,E,IT) labeling or "D" (Scandinavian + Polish) labeling

## TECHNICAL & APPLICATION ASSISTANCE

Chemtronics® provides a technical hotline to answer your technical and application related questions. **1-770-424-4888, X-137.**

## 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:

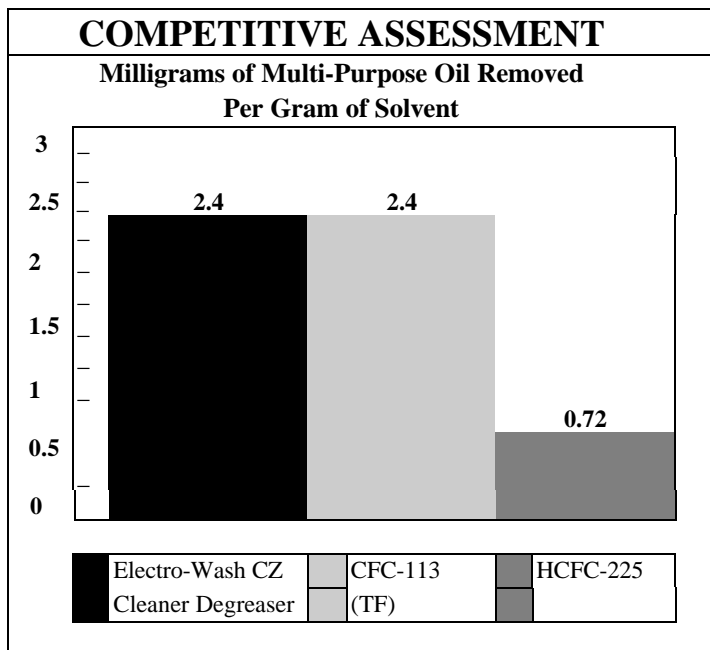
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REV. D (06/99)



### 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.

## DISTRIBUTED BY:

**TECHNICAL HOT LINE 1-770-424-4888, X-137**