

# CHEMTRONICS®

## Technical Data Sheet

**TDS # 1603**

### Electro-Wash® PR

#### PRODUCT DESCRIPTION

Electro-Wash® PR is a fast drying, one step degreasing agent and cleaner that is safe for most plastics. Engineered with very low surface tension, this high pressure aerosol formulation flushes areas clean and evaporates instantly leaving no residue.

- Removes oxides, dust, dirt, and grease
- Penetrates hard to reach areas
- Evaporates quickly
- Leaves no residues
- Has low odor
- Noncorrosive
- Contains no CFCs, HCFCs or 1,1,1 Trichloroethane
- Contains no Chlorinated Solvents

#### TYPICAL APPLICATIONS

Electro-Wash® PR removes grease, oils and other soils from:

- Printed Circuit Boards
- Relays and Contacts
- Fuse Boxes
- TVs / VCRs
- Solder Paste Screens
- Timers
- Wire Harnesses
- Plastic Housings

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	141°F Initial
<b>Dielectric Strength</b>	24 Kv
<b>Flash Point (TCC)</b>	-20.0°F
<b>Appearance</b>	Clear Colorless Liquid
<b>Odor</b>	Mild
<b>Solubility in Water</b>	Negligible
<b>Specific Gravity</b> (water = <a href="#">1@68°F</a> )	0.67
<b>Evaporation Rate</b> (butyl acetate=1)	< 1
<b>Surface Tension</b> (dynes/cm @21.6°C)	18.3
<b>Kauri-Butanol</b> (KB) Number	50
<b>Shelflife</b>	5 years

#### COMPATIBILITY

Electro-Wash® PR is generally compatible with most materials used in printed circuit board fabrication, except acrylics, ABS resins, polycarbonates and polystyrenes. As with any cleaning agent solvent/component compatibility must be determined on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
ABS	Non-Compatible
Buna-N	Fair
EPDM	Fair
Graphite	Excellent
HDPE	Excellent
LDPE	Good
Lexan™	Fair
Neoprene	Fair
Noryl®	Poor
Nylon™ 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Non-Compatible
PVC	Excellent
Silicone Rubber	Poor
Teflon™	Excellent
Viton™	Fair

Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is:  
**1-800-TECH-401.**

## ENVIRONMENTAL IMPACT DATA

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CFC	0.0%	VOC	91.0%
HCFC	0.0%	HFC	0.0%
CL Solv.	0.0%	ODP	0.00

CFC, HCFC, CL. SOLV., VOC, and HFC numbers shown are the content by weight. Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. The ODP of this product is 0.10. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation.

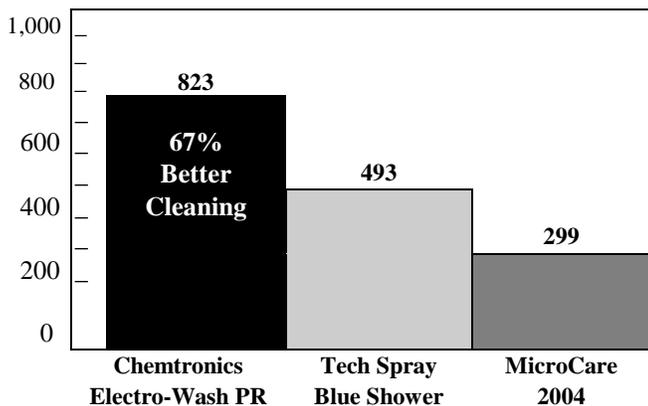
**NOTE:** This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS® does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

**MANUFACTURED BY:**  
**ITW CHEMTRONICS**  
**8125 COBB CENTER DRIVE**  
**KENNESAW, GA 30152**  
**1-770-424-4888**

REV. C (03/01)

## COMPETITIVE ASSESSMENT

Milligrams of Lithium Greased Removed Per 7 Second Spray



## USAGE INSTRUCTIONS

For commercial use only.

Read MSDS carefully prior to use.

Spray 4 to 6 inches from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away dirt and dissolved grease. For precise application use attached extension tube. Flammable - Do Not near sources or ignition or energized equipment.

## AVAILABILITY

ES1603 10 oz. Aerosol

## TECHNICAL & APPLICATION ASSISTANCE

**DISTRIBUTED BY:**