# CHEMTRONICS® Technical Data Sheet

**TDS # 1605** 

## Pow-R-Wash® PR

#### PRODUCT DESCRIPTION

Pow-R-Wash® PR is a plastics safe contact cleaner that removes oxides and other soils on de-energized equipment. 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 grime from contact areas
- 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

Pow-R-Wash® PR removes oxidation and other soils from:

- Printed Circuit Boards
- Relays and Contacts
- Fuse Boxes
- Rheostats and Potentiometers
- Terminals
- Timers
- Selector Switches

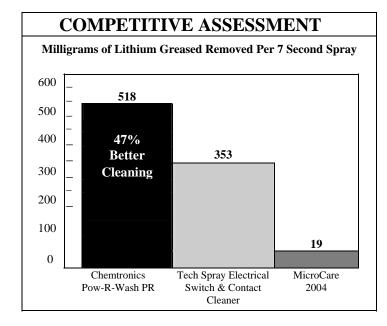
# TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

PROPERTIES			
<b>Boiling Point</b>	141°F Initial		
Dielectric Breakdown	144 kV		
(ASTM-D877)			
Flash Point (TCC)	-20.0°F		
<b>Appearance</b> Cle	lear, Colorless Liquid		
Odor	Mild Ethereal		
Solubility in Water	Negligible		
Specific Gravity	0.67		
(water = 1@68°F)			
<b>Evaporation Rate</b>	< 1		
(butyl acetate=1)			
Surface Tension	18.3		
(dynes/cm @21.6°C)			
Kauri-Butanol	50		
(KB) Number			
Shelflife	5 years		
RoHS/WEEE	RoHS		
Status	WEEE		
	Compliant		

#### **COMPATIBILITY**

Pow-R-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>	Compatibility			
ABS	Non-Compatible			
Buna-N	Fair			
EPDM	Fair			
Graphite	Excellent			
HDPE	Excellent			
LDPE	Good			
Lexan <sup>TM</sup>	Fair			
Neoprene	Fair			
Noryl <sup>®</sup>	Poor			
Nylon <sup>™</sup> 66	Excellent			
Cross-Linked PE	Excellent			
Polypropylene	Excellent			
Polystyrene	Non-Compatible			
PVC	Excellent			
Silicone Rubber	Poor			
$Teflon^{TM}$	Excellent			
Viton <sup>TM</sup>	Fair			



#### **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 use near sources of ignition or energized equipment.

#### **AVAILABILITY**

ES1605 10 oz. Aerosol

## TECHNICAL & APPLICATION ASSISTANCE

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

#### **ENVIRONMENTAL IMPACT DATA**

ENVIRONMENTAL IMPACT DATA						
CFC	0.0%	VOC	100.0%			
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 0.0. 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. D (06/06)

<b>DISTRIBUTED BY:</b>		