

## Pow-R-Wash™ PR Electronics Contact Cleaner

**Product# ES1605**

### 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

<b>Boiling Point:</b>	141°F / 61°C (Initial)
<b>Solubility in Water:</b>	Negligible
<b>Specific Gravity:</b> (water = 1@68°F)	0.67
<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Mild Ethereal
<b>Surface Tension:</b> (dynes/cm @ 73°F)	18.3
<b>Flash Point (TCC):</b>	-20.0°F / -28.9°C
<b>Evaporation Rate:</b> (butyl acetate =1)	<1
<b>Dielectric Breakdown</b> (ASTM D-877)	44 kV
<b>Kauri-Butanol</b> (KB) Number	50
<b>Shelflife</b>	5 years
<b>RoHS Compliant.</b>	Yes

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### 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.

Material	Compatibility
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

### Competitive Assessment

**Milligrams of Lithium Greased Removed** (per 7 second spray)

Pow-R-Wash PR	518
Techspray Electrical Switch & Contact Cleaner	353
MicroCare 2004	19

### Usage Instructions

**For industrial use only. Read SDS 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. / 283 g Aerosol

### Environmental Impact Data

CFC	0.0%
HCFC	0.0%
CL Solv.	0.0%
VOC	100.0%
HFC	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.

### Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions.

*The toll free number is: 1-800-TECH-401.*

### 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.