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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>141°F Initial</td>
</tr>
<tr>
<td>Dielectric Breakdown (ASTM-D877)</td>
<td>44 kV</td>
</tr>
<tr>
<td>Flash Point (TCC)</td>
<td>-20.0°F</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear, Colorless Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild Ethereal</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Negligible</td>
</tr>
<tr>
<td>Specific Gravity (water = 1@68°F)</td>
<td>0.67</td>
</tr>
<tr>
<td>Evaporation Rate (butyl acetate=1)</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Surface Tension (dynes/cm @21.6°C)</td>
<td>18.3</td>
</tr>
<tr>
<td>Kauri-Butanol (KB) Number</td>
<td>50</td>
</tr>
<tr>
<td>Shelflife</td>
<td>5 years</td>
</tr>
</tbody>
</table>

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-Compatibility
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-Compatibility
PVC Excellent
Silicone Rubber Poor
Teflon™ Excellent
Viton™ Fair

COMPETITIVE ASSESSMENT
Milligrams of Lithium Greased Removed Per 7 Second Spray

<table>
<thead>
<tr>
<th>Material</th>
<th>Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemtronics Pow-R-Wash PR</td>
<td>518</td>
</tr>
<tr>
<td>Tech Spray Electrical Switch &amp; Contact Cleaner</td>
<td>47% Better Cleaning 353</td>
</tr>
<tr>
<td>MicroCare 2004</td>
<td>19</td>
</tr>
</tbody>
</table>

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

ENVIRONMENTAL IMPACT DATA

<table>
<thead>
<tr>
<th>Substance</th>
<th>CFC</th>
<th>VOC</th>
<th>HCFC</th>
<th>HFC</th>
<th>CL Solv.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.0%</td>
<td>100.0%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

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

DISTRIBUTED BY: