

**Technical Data Sheet****Electro-Wash® PN New & Improved!  
Cleaner Degreaser****PRODUCT DESCRIPTION**

Electro-Wash® PN New & Improved! Cleaner Degreaser is a plastic safe and nonflammable cleaner formulated for all aspects of cleaning electronic components and assemblies. This precision cleaner is fast drying and has excellent solvency for oil, handling soils, dirt, and even light flux residues.

- Same great features as original, without HCFC-141b
- Removes dirt, grease, carbon, oil, and flux residues
- Excellent plastic compatibility
- Nonflammable
- Dries very quickly
- Leaves no residue
- Noncorrosive
- Enhances electrical signals
- Available with All-Way Spray valve
- Patent Pending

**TYPICAL APPLICATIONS**

Electro-Wash® PN New & Improved! Cleaner Degreaser is engineered for cleaning:

- Printed Circuit Boards
- Chip Carriers
- Edge Connector Sockets
- Relays and Contacts
- Sensitive Plastic Components
- Electronic Controls
- Light Flux Residues

<b>Boiling Point</b>	99°F (Initial)
<b>Evaporation Rate (butyl acetate=1)</b>	>1
<b>Flash Point (TCC)</b>	None
<b>Specific Gravity</b>	1.29
<b>Vapor Pressure @68°F</b>	165 mmHg
<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Ethereal Odor
<b>Solubility in Water</b>	Negligible
<b>Dielectric Breakdown (ASTM D-877)</b>	26 kV
<b>Shelflife</b>	5 years
<b>RoHS/WEEE Status</b>	

**COMPATIBILITY**

Electro-Wash® PN New & Improved! Cleaner Degreaser has excellent compatibility with most materials used in the electronics industry. With any cleaning agent compatibility with substrate should be determined on a non-critical area prior to use.

**TYPICAL PRODUCT DATA AND  
PHYSICAL PROPERTIES**

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

<b>Performance</b>	
<b>Grease Removal per gram solvent (mg)</b>	
Electro-Wash PN	<b>2.2</b>
New & Improved !	
HFC-based Cleaner	<b>0.5</b>
<b>Grease &amp; Lubricating Oil Removal per gram solvent (mg)</b>	
Electro-Wash PN	<b>7.4</b>
New & Improved !	
HFC-based Cleaner	<b>0.5</b>

## USAGE INSTRUCTIONS

For commercial 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 dirt and dissolved grease. For precise application use attached extension tube.

## AVAILABILITY

ES1678 12 oz. Aerosol

## TECHNICAL & APPLICATION ASSISTANCE

ITW 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

<b>ENVIRONMENTAL IMPACT DATA</b>			
CFC	0.0%	VOC	15.2%
HCFC-225	35.0%	HFC	47.9%
HCFC-141b	0.0%	nPB	0.0%

CFC, HCFC-225, HCFC-141b, VOC, HFC, and nPB percentages shown are the content by weight.

### 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. ITW CHEMTRONICS® does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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