

## Electro-Wash® PX

**Product# ES810, ES1010, ES110**

### Product Description

Electro-Wash PX is a one-step universal cleaning and degreasing agent. Engineered for removing contamination from fiber optic connectors, modules, and cables, this material is safe for most plastics. Formulated with very low surface tension, this high pressure aerosol formulation flushes areas clean and evaporates instantly leaving no residue.

- Removes encrusted dirt, grease and other contaminants
- Penetrates hard to reach areas
- Evaporates quickly
- Leaves no residues
- Has low odor
- Is non-corrosive
- Contains no CFCs or HCFCs
- Contains no 1,1,1 Trichloroethane

### Typical Applications

Electro-Wash PX cleans:

- Buffer gel from cable
- Contaminants from transmitters, amplifiers and transceivers
- Soils from optical interfaces, electronic interfaces, and driveCircuitry
- Airborne dirt from printed circuit boards
- Insulating residue from selector switches and relays



### Typical Product Data and Physical Properties

<b>Boiling Point:</b>	141°F / 62°C (Initial)
<b>Solubility in Water:</b>	20%
<b>Specific Gravity:</b> (water = 1@77°F)	0.70
<b>Appearance:</b>	Clear, Colorless Liquid
<b>Odor:</b>	Mild
<b>Surface Tension:</b> (dynes/cm @ 21.6°F)	17.3
<b>Flash Point (TCC):</b>	-20°F / -29°C
<b>Evaporation Rate (air =1)</b>	>1
<b>Vapor Density (air =1)</b>	>1
<b>Kauri-Butanol (KB) Number</b>	50
<b>Shelflife</b>	5 years
<b>RoHS Compliant</b>	Yes



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### Compatibility

Electro-Wash PX is generally compatible with most materials used in the fiber optics industry. With any cleaning agent compatibility must be determined on a non-critical area prior to use.

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

### Performance

**Product Required for Oil Removal (mg solvent / 1 mg oil)**

Electro-Wash PX	33
Conventional CFC Cleaner	94

**Water Soluble Oil Removal Rate (mg / in<sup>2</sup> sec.)**

Electro-Wash PX	11
Conventional CFC Cleaner	5

### Usage Instructions

**For industrial use only. Read SDS 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.

Do not use on energized equipment.

### Availability

<b>ES810</b>	5 oz. / 200ml Aerosol
<b>ES1010</b>	12.5 oz. / 400ml Aerosol
<b>ES110</b>	1 Gal. / 3.7 L Liquid

### Environmental Impact Data

CFC	0.0%
HCFC	0.0%
CI Solv.	0.0%
VOC	100%
HFC	0.0%
nPB	0.0

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

### 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.