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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Technical Data Sheet

**Part # FW2170**

# Fiberwash™ NF Precision Fiber Optic Cleaner

Nonflammable, fast drying fiber optic cleaner

### PRODUCT DESCRIPTION

FOCCUS™ Fiber-Wash™ NF Precision Fiber Optic Cleaning Pen contains a nonflammable solvent cleaner that quickly and safely cleans the end face of fiber optic connectors, splices and ribbons. It also dissipates static charge, which prevents attracting airborne contamination that cling to the end face surface. The cleaning formulation has fast evaporation and low odor, is plastic safe, residue free, and low VOC. This non-pressurized container can be easily and safely transported. For best results, use with the QbE® Cleaning Platform or CCT™ Clear Connection Tool, with the Combination Cleaning™ process.

- Specifically formulated for cleaning all fiber optic connectors
- Removes handling soils, dust, oils and airborne contamination
- Nonflammable and low odor
- Residue free, fast evaporating and low VOC  
Portable and easily transportable
- Cleans alone, with the QbE Cleaning Platform, or with the CCT™ Clear Connection Tool
- Cleans and eliminates electrostatic charges which attract airborne contaminants
- Plastic safe and compatible for all fiber optic connectors
- Approximately 400 end face cleanings per pen

### TYPICAL APPLICATIONS

Fiberwash NF Precision Fiber Optic Cleaner can be used for all repair and maintenance fiber optic applications including:

- Connector end face cleaning
- Cleaning fiber and splice trays pre-splice
- Cleans tools and meters
- Cleans cables
- All repair and maintenance spot cleaning

### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Ethereal
<b>Solubility in Water</b>	Negligible
<b>Vapor Pressure</b>	207 mm Hg at 25°C
<b>Specific Gravity</b>	1.45 @ 75°F (23.9°C)
<b>Surface Tension</b>	15 dynes/cm
<b>Evaporation Rate</b>	<1 (Butyl Acetate = 1)
<b>Boiling Point</b>	129°F / 54°C
<b>Flash Point (TCC)</b>	None
<b>Kauri-Butanol (KB) Number</b>	28
<b>Shelflife</b>	5 years

### SAFETY & ENVIRONMENTAL\*

<b>RoHS Compliant</b>	Yes
<b>ODP</b>	0%
<b>HCFC 225</b>	0%
<b>HFC</b>	0%
<b>Chlorinated solvents</b>	0%
<b>nPB</b>	0%
<b>VOC Content:</b>	Liquid
CARB	4.5%
SCAQMD	67 g/L
Federal	4.5%

\* ODP, HCFC-225, Chlorinated Solvent, VOC, HFC, and nPB percentages shown are the content by weight. Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

## COMPATIBILITY

Fiberwash NF Precision Fiber Optic Cleaner is compatible with most materials used in telecommunications. As with any solvent, compatibility with substrate should be determined on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
ABS	Excellent
Buna-N	Excellent
EPDM	Excellent
Graphite	Excellent
HDPE	Excellent
Kynar™	Excellent
LDPE	Excellent
Lexan™	Excellent
Neoprene	Excellent
Noryl®	Excellent
Nylon 66™	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Good
PVC	Excellent
Silicone Rubber	Excellent
Teflon™	Excellent
Viton™	Excellent

## USAGE INSTRUCTIONS

**Read MSDS carefully prior to use.**

1. Hold pen vertically and depress tip. For surfaces other than endfaces, rub pen on surface to be cleaned.
2. For endface cleaning, use with QbE® Cleaning Platform. When using with a QbE Cleaning System, pull one QbE wipe over the Fiber-Safe foam platen and depress the pen tip onto the wipe to start liquid flow.
3. Apply a small amount (1" diameter) of Fiberwash NF Precision Fiber Optic Cleaner onto the wipe. Follow the Combination Cleaning process as follows:
  - Hold the end-face at 90° perpendicular to the QbE platen; allow the end-face to glide over wipe. Remember to adjust for APC connections
  - Draw the end-face lightly over the platen in a smooth linear motion
  - Do not press too hard
  - Do not retrace your cleaning procedure in the same area
  - Do not use a figure-eight motion; do not use a "twist & turn" motion
  - Check your work with a fiber scope or measuring device

## AVAILABILITY

**FW2170** 11g (0.39 oz.) Pen

## 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.**

[www.chemtronics.com](http://www.chemtronics.com)  
[askchemtronics@chemtronics.com](mailto:askchemtronics@chemtronics.com)

### 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.

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