

## Fiberwash™ AQ Precision Fiber Optic Cleaner Pen

**Product# FW2190**

### Product Description

FOCCUS Fiber-Wash AQ Precision Fiber Optic Cleaning Pen contains a nonflammable, water-based cleaning solution 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 low odor, is plastic safe, and residue free. Because it is water-based, it has the environmental benefits of low VOC and GWP (Global Warming Potential). This non-pressurized container can be easily and safely transported. For best results, use with the QbE Cleaning Platform or CCT Clear Connection Tool and the Combination Cleaning process.

- Nonflammable aqueous cleaner
- Removes a broad range of soils: dust, oils, soils, complex soils, salts and other contaminants
- Residue free, low VOC, low global warming potential (GWP)
- Portable and easily transportable
- Cleans connectors with QbE Cleaning Platform or with CCT Clear Connection Tool
- Dissipates static charge which can attract airborne contaminants
- Plastic safe and compatible for all fiber optic connectors
- Approximately 400 end face cleanings per pen

### Typical Applications

Fiberwash AQ 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>                                   | Mild                    |
| <b>Solubility in Water:</b>                    | 100%                    |
| <b>Specific Gravity:</b><br>(water = 1@77°F)   | 0.98 @ 75°F (23.9°C)    |
| <b>Evaporation Rate:</b><br>(butyl acetate =1) | >1                      |
| <b>Boiling Point:</b>                          | >200°F / 93°C           |
| <b>Flash Point (TCC):</b>                      | None                    |
| <b>VOC* Content:</b>                           |                         |
| CARB   | 7%                      |
| SCAQMD   | 85 g/L                  |
| Federal  | 7%                      |
| <b>Shelflife</b>                               | 2 years                 |
| <b>RoHS Compliant</b>                          | Yes                     |

\* 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).



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### Compatibility

Fiber-Wash™ AQ Fiber Optic Cleaning Pen 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.

| Material        | Compatibility |
|-----------------|---------------|
| 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     | Excellent     |
| PVC             | Excellent     |
| Silicone Rubber | Excellent     |
| Teflon          | Excellent     |
| Viton           | Excellent     |

### Environmental Impact Data

|          |    |
|----------|----|
| ODP      | 0% |
| HCFC 225 | 0% |
| HFC      | 0% |
| CL Sol   | 0% |
| nPB      | 0% |

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

### Usage Instructions

**For industrial use only. Read SDS 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 AQ 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

FW2190 5g (0.2 oz.) Pen

### 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.