

Technical Data Sheet

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Fiberwash™ NF Precision Fiber Optic Cleaner Pen

Product# FW2170

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.

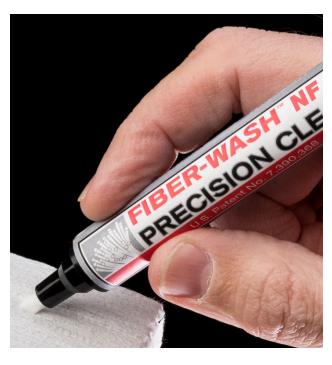
- Specifically formulated for cleaning all fiber optic connectors
- Removes handling soils, dust, oils and airborne contamination
- Nonflammable and low odor
- Residue free, fast evaporating and low VOC Portable and easily transportable
- Cleans alone, with the QbE Cleaning Platform, or with the CCT™ 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

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Appearance:	Clear, colorless liquid	
Odor:	Ethereal	
Solubility in Water:	Negligible	
	207 mm Hg at	
77°F (25°C)		
Specific Gravity:	1.45 @ 75∘F (23.9°C)	
(water = 1@77°F)		
Surface Tension:	15 dynes/cm	
Evaporation Rate:	<1	
(butyl acetate =1)		
Boiling Point:	129°F / 54°C	
Flash Point (TCC):	None	
Kauri-Butanol	28	
(KB) Number		
VOC Content:		
CARB	4.5%	
SCAQMD	67g/L	
Federal	4.5%	
Shelflife	5 years	
RoHS Compliant	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

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.

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	Good	
PVC	Excellent	
Silicone Rubber	Excellent	
Teflon	Excellent	
Viton	Excellent	

Environmental Impact Data

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

^{*} 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).

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.
- 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.
- 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 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.

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