

## Non-Flammable Water based Splice Prep & Equipment Maintenance Kit

**Product# FSK1002E**

### Product Description

In the **Non-Flammable Kit**, Chemtronics has included only the cleaning supplies necessary for Splice preparation & maintenance. The Transportable Water Based Fiber Optic Cleaning Kit contains two Fiber-Wash AQ 100ml liquids and Lint-Free Wipes to perform the Combination Cleaning process.

Use the swabs and wipes with the **Fiber-Wash AQ Liquid** to clean the fusion splicer, especially the mirror and V-groove. Swabs are also included for cleaning ferrules, alignment sleeves and backplane connections. **FSA75 Pre-wetted Wipes** are included for tool, cable and Fiber preparation.

The swabs are packaged in rugged tubes for field operations. The kit bags are made from tough nylon for long life.

- **Non-flammable aqueous cleaner.**
- Removes a broad range of soil; dust, oils, soils, complex soils, salts and other contaminants.
- Dissipates static charge, which can attract airborne contaminants.
- Compatible for all fiber optic connectors.

### 6704F Product Data and Physical Properties

6704F wipes consist of 55/45 cellulose/polyester non-woven fabric. These wipes have excellent absorbency, and contamination entrapment, as well as high strength.

- Excellent solvent resistance
- Excellent particle entrapment
- High absorbency capacity and rate
- Low linting
- Excellent durability

### 6704F Wipes Compatibility

6704F wipes are generally compatible with most common solvents such as isopropyl alcohol, methanol and ketones such as acetone or methyl ethyl ketone. These wipes are generally compatible with dilute or weak acids.



### Fiber-Wash AQ Precision Cleaner Liquid 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>	0.98 @ 23.9°C
<b>Evaporation Rate:</b> (butyl acetate = 1)	>1
<b>Boiling Point:</b>	> 93°C
<b>Flash Point (TCC):</b>	None
<b>VOC* Content:</b>	
CARB	7%
SCAQMD	85 g/L
Federal	7%
<b>Shelf life</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 Liquid 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

### Fiber-Wash AQ Liquid Environmental Impact Data

ODP	0%
HCFC 225	0%
HFC	0%
CL Solv.	0%
nPB	0%
CARB	7%
SCAQMD	85 g/l
Federal	7%

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

### Typical Product Data and Physical Properties FSA75

<b>Appearance:</b>	Clear, colorless liquid
<b>Odor:</b>	Mild
<b>Solubility in Water:</b>	Soluble
<b>Specific Gravity:</b>	0.98
<b>Vapor Pressure:</b> @20°C	198mm Hg
<b>Evaporation Rate:</b> (butyl acetate =1)	>1
<b>Boiling Point:</b>	> 93°C
<b>Flash Point (TCC):</b>	None
<b>VOC* Content:</b>	
CARB	7%
SCAQMD	85 g/L
Federal	7%
<b>Shelf life</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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### Combination Cleaning with the 6704F

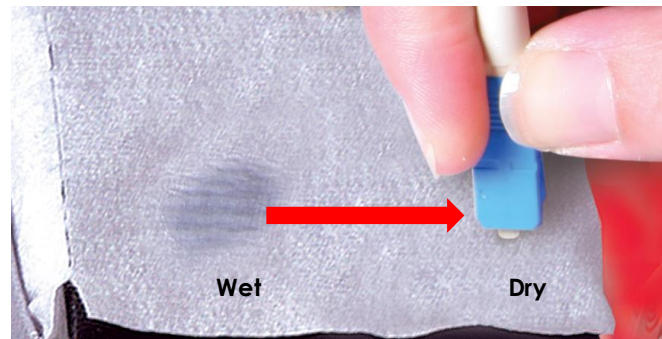
- Apply a small amount (1" diameter) of Fiberwash AQ onto the 6704F wipe.
- Hold the end face at a 90-degree perpendicular to the wipe. Allow the end-face to glide over wipe. Remember to adjust for APC connections.
- Draw the end face lightly from the solvent wetted area to the dry area over the platen, using 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 inspection probe or measuring device.

### For Splice Preparation

- Lightly moisten 6704F wipe and gently wipe away fiber contaminants.
- Lightly dampen swab, remove soil from V-grooves on fusion splicer.

### Buffer Gel Removal

- Pull three 6704F wipes out of the packaging.
- Spray a small amount of Fiberwash AQ liquid into the folded wipers.
- Pull the cable through the first wiper and discard.
- Repeat until the cable "squeaks" clean.



**Combination Cleaning Process**

### Availability

#### Fiber Optic Cleaning Kit Includes:

<b>FW2190-100ML</b> (2)	Fiber-Wash AQ Precision Fiber Optic Liquid (100ml spray bottle)
<b>FSA75</b> (1)	Fusion Splice Presaturated Wipes (75 7,6cm x 7,6mm wipes)
<b>6704F</b> (2)	Lint-Free Precision Wipes (100 10cm x 10cm wipes)
<b>38542F</b> (1)	V-Groove and Ferrule Cleaning Swabs (50 swabs)
<b>51125F</b> (2)	Fusion Splice Mirror Cleaning Swabs (15 swabs)
	Rugged Bag

### 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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