

# CHEMTRONICS

## Technical Data Sheet

**TDS # FW2150**

### MX Precision Cleaner

The Convenient Fiber Optic Cleaning Pen

#### PRODUCT DESCRIPTION

Electro-Wash<sup>®</sup> MX Precision Fiber Optic Cleaning Pen is engineered for cleaning fiber optic connectors, splices and ribbons. This precision cleaner quickly and safely cleans the end face of fiber optic connectors, while eliminating electrostatic charges that promote particles adhering to the end face surface. The cleaning formulation is plastic safe and residue free. This non-pressurized container can be easily transported, shipping as a “Dangerous goods in excepted quantity”. For best results, use with the QbE<sup>®</sup> Cleaning Platform, or with the Combination Cleaning process (CCp<sup>™</sup>).

- Approximately 400 end face cleanings per pen
- Specifically formulated for cleaning all fiber optic connectors
- Removes handling soils, dust, oils and airborne contamination
- Completely portable and easily transportable
- Cleans alone, with the QbE<sup>®</sup> Cleaning Platform, or with the Combination Cleaning process (CCp<sup>™</sup>)
- Cleans and eliminates electrostatic deposits of airborne contaminants

#### TYPICAL APPLICATIONS

Electro-Wash<sup>®</sup> MX Precision Fiber Optic Cleaning Pen 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
- Removes road tar and asphalt grime
- All repair and maintenance spot cleaning

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	239° F Initial
<b>Flash Point (TCC)</b>	45° F
<b>Evaporation Rate (butyl acetate=1)</b>	>1
<b>Specific Gravity</b>	0.72
<b>Appearance</b>	Clear, Colorless Liquid
<b>Odor</b>	Hydrocarbon
<b>Kauri-Butanol (KB) Number</b>	29
<b>Solubility in Water</b>	Negligible
<b>Shelf life</b>	5 years

#### COMPATIBILITY

Electro-Wash<sup>®</sup> MX Precision 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

**USAGE INSTRUCTIONS****Read MSDS carefully prior to use.**

1. Hold pen vertically and depress tip. Rub pen on surface to be cleaned.
2. 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 Electro-Wash® MX onto the wipe. Follow the Combination Cleaning process (CCp™) 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**

**FW2150**      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)

**SAFETY & ENVIRONMENTAL DATA**

SAFETY & ENVIRONMENTAL DATA			
CFC	0.0%	VOC	100%
HCFC-225	0.0%	HFC	0.0%
HCFC-141b	0.0%	nPB	0.0%

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

**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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