

Fiber Preparation Fluid

Nonflammable Replacement for IPA Improves Cleaning of Optical Fiber



The Fiber Prep Fluid (MCC-FPF03H is shown) is a mild, nonflammable solvent designed to replace alcohol

- **Nonhazardous Optical-Grade Solvent**
- **Ideal for “Wet/Dry” Connector End-Face Cleaning**
- **Ideal for Cleaning Bare Fiber**
- **Safe on Glass, Metal, Epoxies and Circuit Boards**
- **Dissipates Static Charges**
- **Easy Shipping — Nonhazardous Formulation Avoids Hazmat Issues**

General Information

The Fiber Preparation Fluid is a nonflammable replacement for the alcohol products often used when cleaning optical fiber prior to termination or fusion splicing, and for cleaning jumper end-faces. This high-purity solvent delivers fast and consistent cleaning, out-performing flammable solvents.

Technical Details

Chemical Family	HFC Solvent
Appearance	Clear, Colorless Liquid
Aroma	Slight Alcohol
Boiling Point	54°C / 129°F (calc.)

Health, Safety & Environmental Data

Toxicity (ppm, 8-Hr. TWA, PEL)	See MSDS
Flashpoint	None
Flammability	Nonflammable
NFPA	Health: 1; Fire: 0; Reactivity: 1
pH	Neutral
Solubility in H ₂ O	Slight
Percent Volatile	100%
Ozone Impact	Zero
RoHS and WEEE Compliant	Yes
SNAP Approved	Yes

Packaging

TravelSAFE™ Triton™ 3-way dispensing mini-pump
3 oz. / 85 g MCC-FPF03M

National Stock Number

Pending

Packaged in cases of twelve (12) mini-cans per box. Unlimited shelf life. 12-month warranty. This cleaner has been tested on a wide variety of ceramics, epoxies, glass, metals, plastics and elastomers. No compatibility problems were found. FiberCare solvents are nonflammable, noncorrosive and nonpressurized. They can be shipped inexpensively, without hazmat fees, by overnight courier or on a commercial airline.

Related Products

In conjunction with this cleaner, MicroCare recommends the **FiberWipes™** and the **FiberAide™ sealed wipes**. The **FiberWipes** (MCC-WFW) feature 90 lint-free wipes in a tool-kit-sized mini-tub, and are optimized for cleaning cleaning optics, bare fiber and connector end-faces. Alternatively, the **FiberAide wipes** (MCC-FA1) are individually-sealed wipes for cleaning exposed connector end-faces. They are an excellent choice because the packaging protects the wipe, even in harsh environments.

The **Fiber Connector Cleaner II** (MCC-FCC2) is a very fast-drying alternative for IPA, used for cleaning connector end-faces inside alignment sleeves. The **Precision Optical Cleaner** (MCC-POC) is a high performance alcohol/acetone replacement which is safe on plastics and most optical coatings.

Product Notes

AVAILABILITY. This product is available from MicroCare distributors world-wide. Contact your local distributor at www.MicroCare.com for details.

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About the Product

This optical-grade solvent is double-filtered for purity, so cleaning is more consistent and reliable. It delivers excellent results removing light oils, salts, moisture, fingerprints, dust, lint, fibers, grime, polishing media, flux residues and uncured epoxies. This versatile cleaner is safe on glass, metal, cured epoxies, and insulators; it is generally safe on plastics except plastic optical fibers (see **Precision Optical Cleaner** under “Related Products”).

The Fiber Prep Fluid out-cleans IPA because it is a stronger solvent and it dries faster. The dense solvent “floats” particulate off surfaces and dissipates static bonds. This makes it perfect for “Wet/Dry” cleaning of connector end-faces. When terminating or fusion splicing, it cleans both single-strand and ribbon fiber and “squeaks” when the fiber is clean.

The hermetically-sealed container uses the unique Triton™ 3-way dispensing system, the most versatile packaging system in the industry. The spill-proof, sealed canister also prevents refilling and cross-contamination, ensuring clean solvent every time. The canister also is “TravelSAFE™” — that is, the pump spray is “nonhazardous, nonregulated” so it can be shipped, even by air, without extra paperwork or hazmat fees. With over 400 fast and reliable cleanings per canister, Fiber Prep Fluid reduces installation cleaning costs to only pennies.

MicroCare Corporation

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