



# STICKLERS™ CLEANING FLUID OUT-CLEANS ISOPROPYL ALCOHOL

The *Sticklers™ Cleaning Fluid* is the only fiber optic cleaning chemical specifically engineered for cleaning modern, high-speed fiber optic networks. Using new chemical technology not available even a few years ago, the Sticklers fluid cleans faster, better and more consistently any other cleaning product on the market today, including the industry standard isopropanol. Here's how...

<b>Characteristics</b>	<b>Sticklers™ Fiber Optic Cleaning Fluid</b>	<b>Isopropanol</b>
Flammability (Flash Point)	Nonflammable, no flash point	Highly flammable, flash point 12°C / 54°F
VOC Content (Contributes to smog)	4.5% VOC (a 95.5% reduction from IPA)	100% VOC
Shipping Classification	Nonhazardous, Nonregulated	Regulated Flammable Liquid
Residues	No residues. Consistent purity. Filtered to sub-micron purity for particulate. Water content: <12 ppm	Leaves residues and "water marks." Purity varies by grade. Purity decreases immediately when exposed to air. Water content: up to 300,000 ppm
Ability to Remove— Light Oils Ionic Contamination Particulate Water	Excellent Very Good Excellent Very Good	Fair Fair Fair Poor
Ability to Dissipate Static Build-up	Good	Good
Compatibility with Metal, Plastic, Glass	Excellent	Excellent
Hygroscopic Behavior	Barely hygroscopic; will absorb small amounts of water to speed cleaning of water-based oils	Infinitely hygroscopic; absorbs moisture from the air which leaves residues when drying
Drying Speed (Smaller Is Faster; Boiling Point as Surrogate for Latent Heat of Evaporation)	.25-33 61°C Boiling Point	1.00 82°C Boiling Point
Specific Gravity (High density "floats" particles off surfaces. NB: Water=1)	1.45	0.79
Viscosity (Lower viscosity helps wetting and cleaning. NB: Water= 1.002)	0.61 cPs	2.43 cPs
Surface Tension (Lower surface tension enhances particulate cleaning. NB: Water = 72.8)	13.6 dyne/cm	21.7 dyne/cm
Wetting Index; higher is better (Water=13.9)	174.7	14.9
Miscibility with Water	Very slight	Complete
Shelf Life	Unlimited — fluid is stable	Normally less than 12 months
Packaging	Spill-proof; Non-refillable for purity; 3-way dispensing valve; Metered-dose dispenser; Super-clean seamless container	Varies widely

## Packaging & Part Numbers

Part number MCC-POC03M contains 400+ cleanings using 3 oz./85 g of solvent. Packed 12 cans/ carton. Unlimited shelf life. 12-month warranty. Available through Micro Care distributors everywhere. This cleaner is available in unique TravelSAFE™ packaging. Developed specifically for the fiber optics industry, TravelSAFE products are nonflammable, noncorrosive and nonpressurized. This means they can be shipped inexpensively, without hazmat fees, by overnight courier or even on commercial airlines.

TRADEMARKS: The term "Sticklers", "CleanStixx", "CleanWipe", "CleanSlots", "TravelSAFE", and "Triton" are all trademarks of MicroCare Corp. The MicroCare name and logo are registered trademarks of MicroCare. The cleaning sticks are protected under US patent #7,401,374. The Triton™ dispensing cap is protected under US patent #7,784,647. Cleaning solvent FCC2 is protected under US patent #6,951,835

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## STICKLERS™ CLEANERS Made by MicroCare Corp.

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