

Precision Optical Cleaner

Plastic-Safe Solvent for Cleaning High-Performance Optical Components



The Precision Optical Cleaner is a mild, nonflammable solvent designed to clean optical components, replacing alcohol or acetone often used for this task

- Nonflammable, Nonhazardous Replacement for Alcohol & Acetone
- Highest Purity for Better Cleaning
- Safe on Plastic Optical Fiber, Metals, Glass and Coatings
- Dissipates Static Charges
- Drying Rate Optimized for Optics
- Works Well With Wipes or Swabs

General Information

MicroCare's Precision Optical Cleaner is designed to clean critical optical devices, including soft plastic components. This fast-drying solvent cleans all types of optical surfaces as well as or better than acetone or alcohol, without the hazards or compatibility issues.

About the Product

This optical-grade solvent is double-filtered to the highest purity, so it delivers

consistent and reliable cleaning. It is safe on glass, plastics, ceramics, metals, adhesives, electronics, cured epoxy surfaces and all tested optical coatings. It's ideal on optical components such as lenses, mirrors, diffraction gratings and prisms, as well as LCD displays, hand-held equipment and even cell phones and PDAs. It easily dissolves and removes fingerprints, light oils and surface films. In addition, it dissipates the static bonds that "lock" particulate to precision surfaces, making it easy to remove insoluble particulate, dust and fibers.

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, Precision Optical Cleaner is the safest and most cost-effective optical solvent.



Technical Details

Chemical Family	HFE Solvent
Appearance	Clear, Colorless Liquid
Aroma	Slight, Alcohol
Boiling Point	54°C / 129°F

Solvency & Cleaning Data

Toxicity (ppm, 8 Hr., TWA, PEL)	See MSDS
pH	Neutral
Solubility in H ₂ O	Slight
Percent Volatile	100%

Health, Safety & Environmental Data

Flammability	Nonflammable
Flashpoint (TCC)	None
NFPA	Health: 3; Fire: 1; Reactivity: 0
Ozone Impact	Zero
RoHS and WEEE Compliant	Yes
SNAP Approved	Yes

Packaging

TravelSAFE™ Triton™ 3-way dispensing mini-pump
3 oz. / 85 g MCC-POC03M

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/or the *XMT connector cleaning stick*. The *FiberWipes* (MCC-WFW) are lint-free wipes in a tool-kit-sized mini-tub, optimized for cleaning optical components. The *XMT Cleaning sticks* are ideal for cleaning lenses within recessed fixtures. See the Product Specifications for details.

In terms of other solvents, the *Fiber Connector Cleaner II* (MCC-FCC03M) is a stronger, fast-drying alternative for IPA. The *Fiber Prep Fluid* (MCC-PPF03M) is a high performance replacement for alcohol for cleaning optical fiber before splicing and termination, and for cleaning fiber optic connector end-faces.

Product Notes

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

TRADEMARKS: US and foreign patents pending. The terms "Triton," "FiberWipe", "Drop-n-Stop", "FiberAide", "Saturator" and "FiberCare" plus the FiberCare logo are all trademarks of MicroCare Corp. The MicroCare name and logo are registered trademarks of MicroCare Corp. The Triton dispenser is patent pending.

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