

Fiber Optic Cleaning Kit



8234-K NEW

The 8234-K Fiber Optic Cleaning Kit is designed for removing dust, lint, trace oils, and contaminants from fiber optics, connectors and tools. Clean your splicing tools thoroughly and frequently. When working with fiber, keep in mind that particles not visible to the naked eye could cause tremendous problems. Intensive cleaning of fiber and tools will save time and money down the road.

Features:

Food Grade Bottles

Having a cleaner filled into an optically clear 'food grade' bottles means that there is no contamination. This allows for an initial visual inspection of your cleaning solution, prior to any job. All production is performed under our ISO9001 Registered Quality System procedures.

Micro filtered alcohol

The cleaner in our kit has been microfiltered to provide you with the purest possible cleaner. The last thing you need is a cleaner that can leave a mark on your fiber optics. A clean connection is critical for performance and functionality of any fiber optic link. The presence of dirt, dust, oil, and other contaminants can cause substantial signal loss.



Kit includes:

- 1 x M.G. Chemicals Fiber Optic Cleaner (500 ml)
- 1 x Kimtech Precision Wipes (280 wipes per box)
- 1 x Dispensing Pump

Available Sizes

Catalog Number	Description
8234-K	Kit
8234-500ML	Liquid (Refill)
830-551	Wipes (Refill)

Material Safety Data Sheet

Section 1: Product Identification

MSDS Code: 8234 - liquid

Name: Fiber Optic Cleaner

Related Part Numbers: 8234-500ML

Use: Fiber Optic Cleaner

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha PeI	Osha Stel
67-63-0	2-propanol	>99%	400ppm	400ppm	500ppm

Section 3: Hazards Identification

WHMIS Codes: B2, D2B

NFPA Ratings: Health 1 Flammability 3 Reactivity 0

HMIS Ratings: Health 1 Flammability 3 Reactivity 0

Eyes: May cause eye irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury.

Skin: May cause skin irritation with pain and stinging, especially if skin is abraded.

Inhalation: May cause respiratory tract irritation. Inhaling high concentrations may cause central nervous system effects characterized by headache, and dizziness.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting, and diarrhea. May cause central nervous system depression.

Chronic: Skin contact over a long period of time may cause dermatitis.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush eyes with plenty of water. Get medical aid if irritation persists.

Skin: Wash skin with plenty of soap and water. Get medical aid if symptoms persist. Remove contaminated clothing.

Inhalation: Immediately remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Ingestion: Do not induce vomiting. Give milk or water. Get medical aid immediately.

Section 5: Fire Fighting Measures

Autoignition Temperature: 425°C **Flash Point:** 12°C **LEL / UEL:** 2 / 12

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

General Information: Will burn if involved in a fire. Vapors can travel to a source of ignition and flash back. This product is an explosion hazard.

Section 6: Accidental Release Measures

Spill Procedure: Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with paper towel and place in container. Wash spill area with soap and water.

Section 7: Handling and Storage

Handling: Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use. Avoid breathing vapors and prolonged or repeated contact with skin. Vapors may accumulate and travel to distant ignition sources and flashback. Provide adequate ventilation.

Storage: Keep away from sources of ignition. Store in a cool, dry, well-ventilated area, away from incompatible substances.

Section 8: Exposure Controls

Routes of entry: Eyes, ingestion, inhalation, and skin.

Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

Personal Protection: Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when adequate ventilation or local exhaust ventilation to keep airborne concentrations below exposure limits cannot be achieved. Wear impervious gloves, vitron or nitrile.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Odor:	Alcohol	Solubility:	Completely	Evaporation Rate:	1.5 (ether=1)
Boiling Point:	82°C	Specific Gravity:	0.79	Vapor Pressure:	40mmHg @23.8°C	Vapor Density:	2.1 (Air=1) pH: N/a

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Conditions to avoid: Temperatures over 40°C, ignition sources, and incompatible substances.

Incompatibilities: Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids and isocyanates, hydrogen + palladium, nitroform, oleum, phosgene, oxygen, aluminum, aluminum triisopropoxide, trinitromethane, barium perchlorate, tetrafluoroborate, chromium trioxide, sodium dichromate + sulfuric acid.

Polymerization: Will not occur.

Decomposition: Carbon monoxide, carbon dioxide, acrid smoke and fumes.

Section 15: Regulatory Information cont'd

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

Health Canada

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Containers regulations.

Environment Canada

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

Industry and Science Canada

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.

RoHS (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

Section 16: Other Information

Definitions: N/a = not applicable, n/e = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.