

MATERIAL SAFETY DATA SHEET

CHEMTREC 24-HOUR EMERGENCY RESPONSE

TOLL FREE NUMBER: (800) 424-9300

INTERNATIONAL CALLS: COLLECT (703) 527-3887

CHEMTREC should only be contacted in the event of chemical emergencies involving a spill, leak fire, exposure, or accident involving chemicals.

1. PRODUCT INFORMATION

Product Name: Fiber-Clean®
General Use: Telecommunication Cable and Optical Fiber Cleaner
Manufacturer: Fiber-Clean® is packaged for Siecor; Hickory, NC 28603
by ELV Technologies, Inc.; P.O. Box 867442, Plano TX 75086-7442

2. COMPOSITION AND INFORMATION ON INGREDIENTS

This product is defined as combustible per OSHA communication guidelines 29CFR1910.1200. This formulation is a trade secret and complies with 29CFR1910.1200, section (i) trade secrets.

3. HAZARDS IDENTIFICATION

SYMPTOMS/EFFECTS OF OVEREXPOSURE

Inhalation: May cause irritation of upper respiratory passages with coughing and shortness of breath.
Ingestion: May cause severe irritation of the gastrointestinal tract with nausea, vomiting, abdominal cramps, and diarrhea.
Skin: Contact of several hours may cause mild to moderate local redness and swelling.
Eyes: Liquid or vapor contact may cause eye irritation with tearing or blurring of vision.

Listed Carcinogens: None.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
Ingestion: Do not induce vomiting; seek medical attention.
Skin: Remove contaminated clothing. Thoroughly wash affected area with soap and water; use skin cream if irritation is severe.
Eyes: Immediately flush eyes with water for 15 minutes. Call physician if irritation persists.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, chemical foam, carbon dioxide. Class BC, ABC fire extinguisher.

Special Fire Fighting Procedures: Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosions Hazard: None Known.

6. ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material, then place in chemical waste container. For large spills, dike for later disposal. Observe government regulations.

7. HANDLING AND STORAGE

Keep Container closed when not in use. Store in original container, preferably in a cool, ventilated, fire-resistant building. Avoid overheating or freezing. Since empty container may retain product residues (vapor, liquid or solid) all label precautions must be observed.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Respiratory: Use NIOSH / MSHA approved respirator if ventilation is not sufficient and if mists are generated.

Ventilation: If desirable to reduce odor, mechanical (general) ventilation should have an airflow of 55 CFM or greater. Local exhaust can also be effective in minimizing odor.

Clothing/Gloves: Chemically resistant gloves should be used with all industrial chemicals.

Eye Protection: Safety glasses / goggles are recommended. Provide eye bath near work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (760 mm Hg):	>305°F (>152°C)	Evaporation Rate (BUAC=1):	<1
% Volatile (By weight):	100	Solubility in Water:	<10% by weight
Specific Gravity (H ₂ O = 1):	0.76 @ 77°F (25°C)	Appearance:	A Saturated Towel with a clear liquid.
Vapor Pressure (20°C):	2.0 mm Hg	Odor:	Mild hydrocarbon odor.
Vapor Density (Air = 1):	5.0	Flammability Limits:	Not Determined
Non Exempt VOC:	760 g/l		
Flash Point:	116°F (47°C) (ASTM D93-85, Pensky-Martens Closed Cup)		

10. STABILITY AND REACTIVITY

Stability: Fiber-Clean® is stable.

Conditions to Avoid: Temperatures above 305°F (152°C).

Incompatibility: Strong oxidizing agents, strong acids, and strong bases.

Hazardous Decomposition Products: None, other than normal products of combustion.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Isoparaffinic hydrocarbon (C₉₋₁₂ isoalkanes)

LD50 / oral / rat = > 10,000 mg / kg

LD50 / dermal / rabbit = > 3,200 mg / kg

1-Propoxy-2-propanol

LD50 / oral / rat = 3,250 mg / kg

LD50 / dermal / rabbit = 3,560 mg / kg

12. ECOLOGICAL INFORMATION

No information available.

13.DISPOSAL CONSIDERATIONS

Waste treat or incinerate used material in compliance with all applicable government regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT Information

Proper Shipping Name: Not Regulated
Hazard Class: Not Regulated

International Air Transportation Association (IATA) guidelines for air transit

Shipping Name: Consumer Commodity
UN# 8000
Class 9
Label: Miscellaneous

15. REGULATORY INFORMATION

None of the components of Fiber-Clean® appears on any of the EPA's lists of toxic or hazardous substances, or on the SARA 313 toxic chemicals list (40 CFR 372.65).

None of the components of this product is listed in California's Safe Drinking Water and Toxic Enforcement Act of 1986 – Proposition 65 as a chemical known to cause cancer, birth defects, or other reproductive harm.

New Jersey Right-To-Know information: Isoparaffinic Hydrocarbon and 1-Propoxy-2-propanol.

All components of Fiber-Clean® are listed on the TSCA inventory.

The Isoparaffinic Hydrocarbon (C₈₋₁₂ isoalkanes) is listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) listing as number 292-459-0.

Canadian WHMIS Classification: Class B Division 3 – Combustible liquid
Class D Division 2 Subdivision B Toxic material

16. Other Information

NFPA Codes: Health: 1 Fire: 2 Reactivity: 0

Disclaimer of Liability: The information in this MSDS was obtained from sources which we believe to be reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Final determination of suitability of this product is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not apply.

This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data to be construed as a specification.

Revised: 3/00

Rev. 6
