

MATERIAL SAFETY DATA SHEET

Date: 6/1/2012

1. PRODUCT AND SUPPLIER INFORMATION

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

Emergency Contact: CHEMTREC 24-HOUR EMERGENCY RESPONSE
Toll Free Number: (US) 800-424-9300 (International) 703-527-3887
CHEMTREC should only be contacted in the event of transportation related chemical emergencies involving a spill, leak fire, exposure, or accident involving chemicals.

2. COMPOSITION AND INFORMATION ON INGREDIENTS

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

	<u>CAS Number</u>	<u>Weight %</u>
Isoparaffinic hydrocarbon	64742-48-9	> 80
1-Propoxy-2-propanol	1569-01-3	< 20

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eyes: Liquid or vapor may cause eye irritation with tearing or blurring of vision.

Skin: Prolonged contact may cause slight skin irritation with local redness. Repeated exposure may cause irritation or drying of the skin.

Inhalation: Inhalation of vapors or mist may cause dizziness and headache.

Ingestion: May cause severe irritation of the gastrointestinal tract with nausea, vomiting, abdominal cramps, and diarrhea.

Listed Carcinogens: No constituents listed as human carcinogens by OSHA, ACGIH, NTP or IARC.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if breathing is difficult or if symptoms of overexposure occur.

Ingestion: Seek immediate medical attention if swallowed. DO NOT induce vomiting.

Skin: Remove contaminated clothing. Thoroughly wash affected area with soap and water. Seek medical attention if irritation persists.

Eyes: Irrigate eyes with water for 20 minutes. Seek medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flammability: Solid containing combustible liquid

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: Discarded towels may smolder if not properly contained.

6. ACCIDENTAL RELEASE MEASURES

Absorb with inert material and place in a chemical waste container. Observe government regulations for disposal.

7. HANDLING AND STORAGE

Handling: Chemically resistant gloves should be used with all industrial chemicals. Avoid contact with skin. Wash hands and any exposed skin thoroughly after use. Prevent static discharge during use.

Storage: Keep away from heat, sparks, and flame. Keep container sealed to prevent oxidation. Store in original container, Store in a cool, ventilated, area.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Exposure Guidelines: None established by OSHA or ACGIH.

Respiratory Protection: Use NIOSH / MSHA approved respirator if ventilation is not sufficient to control vapors.

Ventilation: Provide general or local ventilation in work area.

Clothing/Gloves: Chemically resistant gloves should be worn while handling this product. Refer to glove manufacturers' compatibility guide when selecting gloves. DO NOT use latex or natural rubber gloves.

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

9. PHYSICAL AND CHEMICAL DATA

Physical State @ 20°C:	Liquid	Color:	Clear
Boiling Point (780 mm Hg):	>305°F (>152°C)	Evaporation Rate (BUAC=1):	<1
% Volatile (By weight):	100	Solubility in Water:	Partially Soluble
Specific Gravity (H ₂ O = 1):	0.76 @ 77°F (25°C)	Flam. Limits, LEL:	0.7 (Published Data)
Vapor Pressure (20°C):	2.0 mm Hg	UEL:	5.4 (Published Data)
Vapor Density (Air = 1):	5.0	FP:	116°F (47°C) (Pensky-Martens Closed Cup)
Non Exempt VOC:	760 g/l	Odor:	Hydrocarbon.
pH:	Not Applicable		

10. STABILITY AND REACTIVITY

Stability: Fiber-Clean® Pre-Saturated Wipes are stable under recommended storage conditions.

Conditions to Avoid: Excessive heat, sparks, open flames.

Incompatibility: Strong mineral acids and strong oxidizing agents.

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

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

No data available for this product. Data available for individual constituents is listed below:

Acute toxicity: Isoparaffinic hydrocarbon LD50 / oral / rat = > 6,000 mg / kg.

1-Propoxy-2-propanol LD50 / oral / rat = > 2,000 mg / kg.

Chronic effects: No constituents listed as human carcinogens by OSHA, ACGIG, NTP or IARC. In animals, effects have been reported on the following organs: kidney, liver, and eyes.

12. ECOLOGICAL INFORMATION

No data available for this product. Data available for individual constituents is listed below:

Acute aquatic toxicity: Isoparaffinic hydrocarbon Material may cause long-term adverse effects in the aquatic environment.

1-Propoxy-2-propanol LC50, Flathead minnow, static, 96 h: 3,400 mg/l
LC50, Daphnia magna,, 48 h: 3,600 mg/l

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

U.S. DOT: Cleaning Compound N.O.S. Not D.O.T. Regulated per 49 CFR 173.150 (f)

IATA: UN/ID No.: 3175 Class: 4.1
Packaging Group: II ICAO-Labels: Solids containing flammable liquid
Proper Shipping Name: Solids containing flammable liquids, N.O.S. (1-propoxy-2-propanol and mixed hydrocarbons)

15. REGULATORY INFORMATION

OSHA Status: This material is considered hazardous (irritant/combustible) by OSHA Hazard Communication Standard (29 CFR 1910.1200).

TSCA: All components listed.

EPCRA Section 313: This product contains no extremely hazardous substances.

SARA (311/312): Reportable Hazard Categories: Fire, acute health.

SARA (313) Toxic Release Inventory: No listed components

CANAADA (DSL): All components listed.

CANADA 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

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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.

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