

# MATERIAL SAFETY DATA SHEET

(Essentially similar to OSHA form 174, Sept. 1985 - For Compliance with OSHA's Hazard Communication Standard, 29CFR 1910.1200)

## Section I - Product Identity:

## P-III™ - Neutralizer (5735)

Manufacturer's Name:

Fiberlock Technologies, Inc.

150 Dascomb Road

Andover, MA 01810

Date of Preparation: August 15, 2002

Information Telephone Number: (978) 623-9987

Emergency Telephone Numbers:

Weekdays: (978) 623-9987

After hours, weekends & holidays: (978) 887-5926,

or "CHEM-TEL" Emergency Contact Number: (800) 255-3924

## Section II - Hazardous Ingredients/Identity Information/Toxicology Data\*

HAZARDOUS COMPONENT	CAS. NO.	Exposure Limits	LD50	LC50
Surfactant	Proprietary	Not Est.	2,000 mg/kg oral rat	
Citric Acid	77-92-9	Not Est.	3g/kg oral rat	
Nonhazardous ingredients				
Water	7732-18-5	Not Est.		
Polyethylene glycol	25322-68-3	Not Est.		

\*This product has not been tested as a whole. None of the components is listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA. None of the components have been found to be mutagenic, known to cause sensitization in animals or humans, or known to cause adverse reproductive effects or teratogenic effects in animals or humans.

## Section III - Physical/Chemical Characteristics (See reference note(s) No. 1, 2 on Reverse)

Boiling Point (@ 760 mm Hg)	Not determined	Specific Gravity (H <sub>2</sub> O=1) Wgt./gal.	Approximately 1
Vapor Pressure @ 20 C mm Hg	Similar to water	Melting Point Water (Ice)	32°F
Vapor Density (AIR=1) Heavier Lighter	Not Determined	pH: Evaporation Rate: (Butyl alcohol=1)	1 Similar to Water
Solubility in Water	Soluble	Appearance: Odor: Coefficient of water/oil:	Yellow liquid None N/A Volatile >80%

## Section IV - Fire and Explosion Hazard Data Non-Flammable

Flash Point: Not Combustible Method: N/A	Flammable Limits (vol % in air): LEL: N/A; UEL:N/A	DOT Hazard Class: Non Regulated	Marking: "Keep From Freezing"
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Autoignition temperature: N/A Extinguishing Media: Use any procedure that is suitable for surrounding fire. Special Firefighting Procedures: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed containers with water spray or stream. Unusual Fire and Explosion Hazards: At elevated temperatures containers may rupture. Decomposition products may be hazardous.

## Section V - Reactivity Data

Stability: This material is stable Conditions to Avoid: Not applicable Incompatibility: Strong bases and oxidizers.

Hazardous Decomposition Products: Thermal decomposition may yield carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur.

## Section VI - Health Hazard Data, Toxicity Data

Route(s) of Entry: N/A

Carcinogenicity?: No

Health Hazards (Acute and Chronic):

EFFECTS OF OVEREXPOSURE: Inhalation: Mist may cause irritation to the eyes and mucous membranes. Skin Contact: May cause irritation with dryness, reddening, or swelling. May also cause drying and cracking of the skin. Eye Contact: May cause moderate to severe irritation with redness tearing and swelling. Corneal injury is possible. Ingestion: Ingestion may cause oral mucous membrane and gastrointestinal irritation with nausea, vomiting, abdominal pain and diarrhea. Medical conditions aggravated by exposure: Individuals with chronic skin diseases may be at increased risk from exposure to this material.

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove victim to fresh air. If breathing has stopped give artificial give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get immediate medical attention. Skin Contact: Wash thoroughly with soap and water until no traces of the chemical remain. Remove contaminated clothing immediately and launder before reuse. Get medical attention if irritation develops. Eye Contact: Immediately flush eye with water for at least 15 minutes while lifting the upper and lower lids. Get immediate medical attention. Ingestion: If conscious rinse mouth and give 1 glass water to dilute. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

## SUPPLEMENTAL INFORMATION

To comply with New Jersey DOH Right-To-Know labeling law (N.J.A.C. 8:59 - 5.1 & 5.2)

CAS. No.:  
Proprietary  
77-92-9  
7732-18-5  
25322-68-3

CHEMICAL INGREDIENTS:  
Surfactant  
Citric Acid  
Water  
Polyethylene Glycol

HMIS HAZARD RATING			
Health 2	Flammability 0	Reactivity 0	Personal Protection C
HAZARD INDEX: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE			
E=Safety Glasses, Gloves, Chemical Apron			

## Section VII: Precautions for Safe Handling and Use

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective clothing to prevent eye and skin contact. Dike spill and collect into closeable containers for disposal with inert absorbent. Wash spill area with water. Prevent runoff to storm sewers and ditches leading to natural waterways. Report spill as required by local and federal regulations.

**WASTE DISPOSAL METHOD:** Dispose of waste in accordance with all local, state and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Protect containers from physical damage. Store in a cool, well ventilated area away from oxidizers and other incompatible materials. Avoid eye and skin contact. Use only with protective equipment. Immediately remove and launder contaminated clothing before reuse. Wash thoroughly after handling.

**OTHER PRECAUTIONS:** Empty containers retain product residues. Follow all MSDS precautions in handling empty containers.

## Section VIII: Special Protection Information

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**RESPIRATORY PROTECTION:** None needed under normal use conditions. If mist is generated and for large jobs where the recommended exposure limit may be exceeded use a NIOSH approved respirator with organic vapor cartridges and a dust/mist prefilter. For higher concentrations (greater than 10 times the recommended exposure limit) an approved supplied air respirator (with escape bottle if required) or self-contained breathing apparatus may be required. Selection of respiratory protection depends on the containment type, form and concentration. Select in accordance with OSHA 1910.134 and good industrial hygiene practice.

**VENTILATION:** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

**GLOVES:** Butyl rubber or other impervious gloves are required.

**EYE PROTECTION:** Chemical safety glasses or goggles are required. Do not wear contact lenses.

**PROTECTIVE CLOTHING:** Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible.

**OTHER PROTECTIVE EQUIPMENT:** For operations where contact can occur, a safety shower and an eye wash facility should be available.

## Section IX: Regulatory Information

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DOT Information: Not regulated

OSHA Hazard Classification: Irritant, toxic

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute Health

EPA SARA 313: This product contains no chemicals that are regulated under SARA Title III, section 313.

WHMIS Classification: Class D- Division 2B (Toxic material causing other chronic effects)

Toxic Substances Control Act: All of the components of this product are listed on TSCA Inventory.

California Proposition 65: This product is not known to contain any chemicals which are known to the State of California to cause cancer or reproductive harm.