

MATERIAL SAFETY DATA SHEET

RECON™ CITRUS SOLVENT CLEANER

MSDS DATE: 4/8/09

Per OSHA-recommended ANSI Z400.1-2004 standard format & in accordance with European standard format

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Recon™ Citrus Solvent Cleaner
Product Description: Citrus Solvent Cleaner/Degreaser
Product Code: 3022
Manufacturer: Fiberlock Technologies, Inc.

Address:
Fiberlock Technologies
150 Dascomb Road
Andover MA, 01810

Contact Info:
Tel: (800) 342-3755
Fax: (978) 475-6205

Emergency Phone: 24 Hour Contact: CHEM-TEL: (800) 255-3924
INTERNATIONAL 24 HOUR EMERGENCY Phone: 813-248-0585

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous:

Chemical Name	CAS#	SARA III	OSHA PEL	ACGIH TLV
1 - Monocyclic Terpene	5989-27-5	No	Not Established	Not Established

This product does not contain any toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SECTION 3: HAZARDS IDENTIFICATION

Potential Health Hazards:

Skin Contact: Irritant.

Eyes Contact: Corrosive to eyes.

Inhalation: Not considered harmful.

Ingestion: May cause nausea, vomiting and diarrhea.

SECTION 4: FIRST AID MEASURES

Eyes: Flush with cool water for 15 minutes. If irritation persists seek medical attention.

Skin: Wash with soap and water for 15 minutes. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting. Drink large volume of milk or water. Call physician immediately.

Inhalation: Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.

SECTION 5: FIRE-FIGHTING MEASURES

Product is non-combustible

Flash point:

F: 108°F

C: 42°C

Autoignition Temperature:

F: Not Established

C: Not Established

Extinguishing Media:

Use extinguishing media appropriate for surrounding fire

Water Spray	NO
Carbon Dioxide	OK
Foam	OK
Dry Chemical	OK
Halon	NO
Other	N/A

SPECIAL FIRE FIGHTING PROCEDURES: Avoid use of water as it may spread flame. Class B fire procedures.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:

Personal Precautions: Do not get in eyes. Do not take internally. Avoid skin contact. Prevent prolonged or repeated breathing of vapor or spray mists. Keep unnecessary people away. Floor may be slippery, use care to avoid falling. Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Environmental Precautions: Keep spills and cleaning run-offs out of municipal sewers and open bodies of water. Comply with local, national and state regulations.

SECTION 7: HANDLING AND STORAGE

Handling and Storage:

Maximum Storage Temperature: 100°F (38°C), minimum 35°F (2°C).
Keep closure tight and containers upright to prevent leakage.

Precautionary labeling: KEEP FROM FREEZING".

Product is non-combustible.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautions:

Use only with adequate ventilation.

Work Hygienic Practices: Avoid contact with skin. Do not get in eyes. Do not take internally. Avoid breathing vapors or spray mists.

Ventilation: Use in well-ventilated areas. Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

Respiratory Protection: No special requirements. Avoid breathing mists.

Eye Protection: Chemical goggles or Face Shield

Skin Protection: Wear chemical resistant gloves to prevent skin contact if prolonged skin contact is likely. Wash hands before eating, smoking or using the wash room.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thin liquid	Solubility in Water:	Emulsifies
Odor:	Citrus Fragrance	Color:	Orange
Boiling Point:	340°F	Viscosity @ 77°F:	N/A
Evaporation Rate: (Butyl Acetate=1)	Slower	Vapor Density (AIR = 1) @ 68°F:	N/A
Vapor Pressure:	N/A	Specific Gravity (H2O = 1) @ 68°F:	0.90
pH	9.0 - 10.0	Percent Volatile	90+

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: (Material to Avoid): Strong oxidizing agents, flame, elevated temperatures.

Hazardous Decomposition or By-Products: None known other than oxides of carbon.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Polymerization catalysts such as aluminum chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information:

No Data Available

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information:

No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution. Do not dump into sewers, any body of water or onto the ground.

SECTION 14: TRANSPORT INFORMATION

U.S. Department of Transportation

DOT Hazard Class: "Flammable Liquid 3"

Shipping Class: Cleaning Compound

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

SARA TITLE III: No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

SARA TITLE III (SARA 311/312): Ingredients in this product are subject to SARA 311/312 Immediate (acute) Health Hazard Supplier Notification & Fire Hazard.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT

(PROPOSITION 65): Components of this product are on the California Proposition 65 lists.

New Jersey Right to Know Hazardous Substance List: This product does not contain any toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SECTION 16: OTHER INFORMATION

To comply with New Jersey DOH Right-To-Know labeling law (NJAC 8:59 – 5.1 & 5.2)

CAS. No.:	CHEMICAL INGREDIENTS
5989-27-5	Monocyclic Terpene
7732-18-5	Water
9016-45-9	Nonyl Phenol Polyethoxylate
(+) Contents Partially Unknown	

HMIS HAZARD RATING			
Health 2	Flammability 2	Physical Hazard 0	Personal Protection B
HAZARD INDEX: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE:			

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.