



# **Technol<sup>®</sup> B100**

## **Biodiesel Cold Flow Improver**

### **Material Safety Data Sheet I**

#### **Section 1. General Information.**

NAME : Technol<sup>®</sup> B100 Biodiesel  
Cold Flow Improver.

CAS# : Mixture

Formula : Proprietary

Chem Name : Blend of petroleum distillates

Molecular Wt : N/A

Emergency : (800) 424-9300 (Chemtrec)

Address : Technol Fuel Conditioners, Inc.  
12 Christopher Way  
Suite 102

Eatontown, NJ 07724

Contact : Technol Fuel Conditioners, Inc.

Telephone : (800) 645-4033

Issue Date : October, 2005

Revised Date : March, 2004

#### **Section 2. Personal Protective Equipment.**

Rubber gloves and splashproof goggles are recommended as a standard operation procedure.

#### **Section 3. Hazards Information.**

SKIN : Irritation of exposed skin due to defatting of skin.

EYES : Irritation of exposed tissue.

CONTAINS : Heavy Aromatic Naphtha

INGESTION : Irritation of gastrointestinal tract.

BIOLOGICAL : N/A.

FLASH POINT : 135°F Open Cup.

UNUSUAL CHRONIC TOXICITY : None Known.

PERMISSIBLE CONCENTRATION : 450ppm (Estimated).

FLAMMABLE LIMITS IN AIR (% by Vol.) : Not Established.

UNUSUAL FIRE & EXPLOSIVE HAZARDS : None Known.

INHALATION: Overexposure will cause dizziness and lack of coordination. Unlikely to occur under normal usage conditions.

#### **Section 4. Precautions & Procedures.**

FIRE EXTINGUISHING TO AVOID: Water

FIRE EXTINGUISHING AGENT RECOMMENDED: Dry Chemical, CO<sub>2</sub>, Chemical Foam.

SPECIAL FIRE FIGHTING PRECAUTIONS: Firefighters should wear self-contained breathing apparatus in the positive mode with full facepiece due to likelihood of fumes, smoke and hazardous decomposition products.

SPECIAL INSTRUCTIONS: Handle as *combustible* petroleum product.

STORAGE: Keep container tightly closed during transport and storage. Stored in a warm location and away from extreme heat and sources of ignition. Keep Container upright; do not roll; do not store in plastic - or rubber - or lined containers.

NORMAL HANDLING: Wear rubber gloves and splashproof goggles, particularly if handling large quantities.

*Continued on next page*



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### **Material Safety Data Sheet II**

*Continued - Section 4. Precautions & Procedures.*

VENTILATION: Standard room ventilation should be sufficient in large area; local exhaust recommended for confined areas and at vapor source.

SPILL OR LEAK: A spill or leak would be a waste oil, presently not hazardous under EPA, but regulated under many State statutes. Absorb spill and dispose of in accordance with application regulations.

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#### **Section 5. Physical Characteristics.**

MATERIAL IS	: Liquid	pH	: N/A
BOILING POINT	: 350°F	VAPOR PRES	: 10 (mm Hg@20°C)
VAPOR DENSITY	: 5.2 (Estimated)	SOL IN WATER	: Negligible
SPECIFIC GRAVITY	: 0.90 @ 60°F	VOLATILES/VOL	: 40% @20°C
APPEARANCE & ODOR:	Amber Liquid	EVAP RATE (Butyl Acetate=1):	< 1

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#### **Section 6. Reactivity Data.**

STABILITY : Product is stable

INCOMPATIBILITY : Strong oxidizing agents.

CONDITIONS TO AVOID : N/A

HAZARDOUS POLYMERIZATION : Will not occur.

HAZARDOUS DECOMPOSITION: Extreme heat will generate Carbon Monoxide, Carbon Dioxide and water.

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#### **Section 7. First Aid Measures.**

EYE CONTACT : Rinse in cool, flowing water for 15 minutes; get medical attention.

SKIN CONTACT : Wash with soap and water - get medical attention if skin irritation persists.

INHALATION: Remove to fresh air - get medical attention. Give artificial respiration if not breathing.

INGESTION: Get medical attention immediately - **DO NOT INDUCE VOMITING**. Give artificial respiration if breathing stops.

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#### **Section 8. Environmental Concerns.**

DEGRADABILITY/AQUATIC TOXICITY : Not Known

RCRA STATUS OF UNUSED MATERIAL : Dispose in permitted hazardous waste site.

EPA HAZARDOUS SUBSTANCE: Yes - Reportable Quantity = 100 lbs. for Ignitable substance.

WASTE DISPOSAL METHODS: Incinerate as a waste oil at a registered site; disposer must comply with Federal, State and Local disposal or discharge statute.

SPILL OR LEAK: Ventilate area. Remove sources of ignition. Contain spill with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with an explosion proof pump or vacuum and finished off with dry chemical absorbent. May require exaction of contaminated soil



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### **Material Safety Data Sheet III**

#### **Section 9. References.**

GENERAL: Merck Index, Tenth Edition; Supplied Material Safety Data Sheets

PERMISSIBLE CONCENTRATION REFERENCES: ACGIH, NIOSH, OSHA; See **Registry of Toxic Effects of Chemical Substances** for specific test results and the latest regulatory standards.

#### **Section 10. Hazardous Ingredients.**

This Material is NOT known to contain any Carcinogen listed under OSHA Communication Standard 29 CFR 1910 1200.

Name	: Aromatic Naphtha	Pseudocumene
Cas#	: 64742-95-6	95-63-6
Appx % By Weight	: 30 - 60%	1 - 3%
Hazard DATE	: N/A	SARA 313
Contains no "Extremely Hazardous Substances (SARA 311/312)"		

#### **Section 11. Transportation Information.**

EMERGENCY NUMBER : (800) 424-9300 (Chemtrec)

DESCRIPTION : Proprietary mixture of petroleum derivatives.

HANDLE, MARK, LABEL, and TRANSPORT as Combustible Liquid, N.O.S.

DOT HAZARD CLASS: 3. Packing group: III.

UN/NA Number:

**NA 1993**; Combustible liquid N.O.S., Contains Aromatic Naphtha. Not regulated when shipped in a container less than 120 gallons, by ground within the U.S.

**UN 1993**; Flammable liquid N.O.S., Contains Aromatic Naphtha. When shipped in a container over 120 gallons, by sea or air, or overseas.

#### **Section 12. Additional Information: Disclaimer.**

The information contained in the Material Safety Data Sheets have been derived from analysis of published data, publicly available, and supplied component Material Safety Data Sheets. This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. While this information is considered accurate, Technol Fuel Conditioners, Inc. makes no warranty, expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or information and recommendations regarding this data or the results to be obtained from the use thereof. Technol Fuel Conditioners, Inc. makes no representation as to completeness or accuracy. In no event will Technol Fuel Conditioners, Inc. be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

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