



# **Technol<sup>®</sup> B20**

## **Biodiesel Cold Flow Improver**

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

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

NAME: Technol<sup>®</sup> B20 For Blended Biodiesel  
CAS# : Mixture.  
FORMULA WT: Proprietary.  
CHEM NAME : Blend of petroleum distillates.  
EMERGENCY : Chemtrec numbers:  
USA : (800) 424-9300  
INTERNATIONAL : 001-703-527-3887

Address : Technol Fuel Conditioners, Inc.  
12 Christopher Way, Suite 102  
Eatontown, NJ 07724  
Contact : Technol Fuel Conditioners, Inc.  
Telephone: (800) 645-4033  
MOLECULAR WT : N/A  
ISSUE DATE : February, 2006  
REVISED DATE : March, 2006

#### **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.  
UNUSUAL CHRONIC TOXICITY : None Known.  
PERMISSIBLE CONCENTRATION : 450ppm (Estimated).  
UNUSUAL FIRE & EXPLOSIVE HAZARDS : None Known.  
FLAMMABLE LIMITS IN AIR (% by Vol.) : Not Established.  
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.  
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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### **Material Safety Data Sheet II**

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

FLASH POINT : 135°F Open Cup.  
BOILING POINT : 350°F.  
VAPOR DENSITY : 5.2 (Estimated).  
SPECIFIC GRAVITY : 0.90 @ 60°F.  
APPEARANCE & ODOR: Amber Liquid.

Ph : N/A.  
VAPOR PRES : 10 (mm Hg@20°C).  
SOL IN WATER : Negligible.  
VOLATILES/VOL : 40% @20°C.  
EVAP RATE (Butyl Acetate=1): <1.

#### **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.

#### **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.

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

EPA HAZARDOUS SUBSTANCE : No.  
DEGRADABILITY/AQUATIC TOXICITY : Not Known  
RCRA STATUS OF UNUSED MATERIAL : Waste oil, not hazardous as of July 1, 1987  
WASTE DISPOSAL METHODS: Incinerate as a waste oil at a registered site; disposer must comply with Federal, State, County and Local disposal or discharge statutes.

#### **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.



**Technol Fuel Conditioners, Inc.**

Distributed by Doctor Diesel

[www.doctordiesel.com](http://www.doctordiesel.com)

(530) 524-5020

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

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

This product is a mixture of petroleum derivatives.

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

NAME	: Aromatic Naphtha	Naphthalene	Pseudocumene	Glycol Ethers
CAS#	: 64742-94-5	91-20-3	95-63-6	111-76-2
APPX % By Weight	: 20-50%	2-4%	0-1%	1-5%
HAZARD DATE	: N/A	SARA 313	SARA 313	SARA 313

Contains no "Extremely Hazardous Substances (SARA 311/312)"

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#### **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 and Glycol Ethers. 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 and Glycol Ethers. When shipped in a container over 120 gallons, by sea or air, or overseas.

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

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