



# Technol<sup>®</sup> 453

## Winter Diesel Conditioner+

### Material Safety Data Sheet I

#### Section 1. General Information.

NAME: Technol<sup>®</sup> 453 Winter Diesel Conditioner.  
CAS# : Mixture  
Chem Name : Blend of petroleum distillates  
Formula : Proprietary  
Molecular Wt : N/A  
Emergency : (800) 424-9300 (Chemtrec)  
Issue Date : January, 1993

Address : Technol Fuel Conditioners, Inc.  
12 Christopher Way  
Suite 102  
Eatontown, NJ.07724  
Contact : Technol Fuel Conditioners, Inc.  
Telephone : (800) 645-4033  
Revised Date: March, 2006

#### Section 2. Personal Protective Equipment.

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

#### Section 3. Hazards Information.

EYES: Irritation of exposed tissue.  
PERMISSIBLE CONCENTRATION: 100ppm  
(Estimated)  
UNUSUAL CHRONIC TOXICITY: None known  
INHALATION: Overexposure will cause dizziness, headaches and lack of coordination. Unlikely to occur under normal usage conditions.

BIOLOGICAL : N/A  
FLASH POINT : 135°F Open Cup  
INGESTION: Irritation of gastrointestinal tract  
FLAMMABLE LIMITS IN AIR (% BY VOL.):  
Not known  
UNUSUAL FIRE & EXPLOSIVE HAZARDS:  
Not Known  
SKIN: Irritation of exposed skin due to defatting of skin.

#### Section 4. Precautions & Procedures.

FIRE EXTINGUISHING TO AVOID: Water  
FIRE EXTINGUISHING AGENT RECOMMENDED: Dry Chemical, CO<sub>2</sub>, and 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: 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 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 II

#### Section 5. Physical Characteristics.

MATERIAL IS	: Thin Liquid	pH:	N/A
APPEARANCE	: Amber	SOLUBILITY IN WATER:	Negligible
BOILING POINT	: < 300°F	VAPOR PRESSURE (mm Hg@20°C):	< 5
VAPOR DENSITY	: < 1	EVAPORATION RATE:	
SPECIFIC GRAVITY @25°C (77°F):	0.94	(ButylAcetate=1):	< 1
		VOLATILES BY VOLUME (@20°C):	40%

#### Section 6. Reactivity Data.

STABILITY	: Product is stable
CONDITIONS TO AVOID	: Excessive heat. Decomposition can occur @ 350°F
HAZARDOUS DECOMPOSITION	: Oxides of Carbon and Nitrogen
HAZARDOUS POLYMERIZATION	: Will not occur
INCOMPATIBILITY:	Strong oxidizing agents. Potential dangerous reaction with strong acids or bases. <b>DO NOT</b> store in rubber or rubber-lined container.

#### Section 7. First Aid Measures.

INGESTION	: Get medical attention immediately. <b>DO NOT INDUCE VOMITING.</b>
INHALATION	: Remove to fresh air - get medical attention.
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.

#### 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 statutes.

#### Section 9. References

GENERAL:	Merck Index, Tenth Edition; Supplied Material Safety Data
PERMISSIBLE CONCENTRATION REFERENCES:	ACGIH, NIOSH, OSHA; See <b>Registry of Toxic Effects of Chemical Substances</b> 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

REV 4/06 DD



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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	Glycol Ethers
Cas#	: 64742-94-5	111-76-2
Appx % By Weight	: 18 - 32%	6 - 12%
Hazard	: N/A	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 US.

**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.

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.

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

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