



Technol[®] 450

Winter Diesel Conditioner

Material Safety Data Sheet I

Section 1. General Information.

NAME	: Technol [®] 450 Winter Diesel Fuel Conditioner.	Address	: Technol Fuel Conditioners, Inc. 12 Christopher Way Suite 102 Eatontown NJ 07724
CAS#	: Mixture.	Contact	: Technol Fuel Conditioners, Inc.
CHEM NAME	: Blend of petroleum distillates.	Telephone	: (800) 645-4033
FORMULA	: Proprietary.	ISSUE DATE:	January, 1993
MOLECULAR WT:	N/A.	REVISED DATE:	October, 2005
EMERGENCY Chemtrec numbers:			
USA	: (800) 424-9300		
INTERNATIONAL	: 001-703-527-3887		

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 expected.
EYES : May cause burns. Severe eye irritant.
BIOLOGICAL : N/A.
PERMISSIBLE CONCENTRATION : OSHA PEL 22ppm, ACGIH 7LV 435mg/m³
FLAMMABLE LIMITS IN AIR (% by Vol.) : Not Established.
UNUSUAL FIRE & EXPLOSIVE HAZARDS : None Known.
INGESTION: Irritation of gastrointestinal tract. May cause CNS depression.
INHALATION: Overexposure will cause dizziness, headaches, CNS disturbances and lack of coordination. Unlikely to occur under normal usage conditions.
UNUSUAL CHRONIC TOXICITY: Prolonged or repeated exposure to Xylene, Napthalene and 2-Ethyl Hexanol causes liver, kidney, lung and CNS damage.

Section 4. Precautions & Procedures.

FIRE EXTINGUISHING TO AVOID: Water.
SPECIAL INSTRUCTIONS: Handle as *combustible* petroleum product.
FIRE EXTINGUISHING AGENT RECOMMENDED: Dry Chemical, CO₂, Chemical Foam.
STORAGE: Keep container tightly closed during transport and storage. Store in cool dry place.
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.
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.
SPILL OR LEAK: Ventilate area. Remove sources of ignition. Contain any spills 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 pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.



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Material Safety Data Sheet II

Section 5. Physical Characteristics.

pH	: N/A.	VOLATILES BY VOL	: N/D (@20°C).
MATERIAL IS	: Thin Liquid.	VAPOR PRESSURE	: N/D (mm Hg@20°C).
FLASH POINT	: 135°F Open Cup.	SPECIFIC GRAVITY	: 0.90.
APPEARANCE	: Amber Liquid.	EVAPORATION RATE	: (Butyl Acetate=1) < 1.
BOILING POINT	: 350°F.	SOLUBILITY IN WATER:	Negligible.
VAPOR DENSITY	: 5.2 (Estimated).		

Section 6. Reactivity Data.

STABILITY	: Product is stable.
INCOMPATIBILITY	: Strong oxidizing agents.
CONDITIONS TO <u>AVOID</u>	: Excessive heat and fire.
HAZARDOUS POLYMERIZATION	: Will not occur.
HAZARDOUS DECOMPOSITION:	Incomplete combustion will generate Carbon Monoxide, Carbon Dioxide, water and toxic smoke.

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.

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, County and Local disposal or discharge statutes.

Section 9. References.

GENERAL: Merck Index, Tenth Edition; Supplied Material Safety Data Sheets.
D.O.T. CLASSIFICATION: Combustible Liquid NOS; Contains Xylene, N-Butanol.
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.

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Fax: 732 542-0109

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Material Safety Data Sheet III

Section 10. Hazardous Ingredients.

NAME:	Naphthalene	Aromatic Naphtha
CAS#:	91-20-3	64742-94-5
PERCENT BY WEIGHT:	1% to 5%	10% - 40%
HAZARD DATE:	SARA 313	N/A

This product does not contain any "Extremely Hazardous" SARA 311/312 substances.

Section 11. Transportation Information.

EMERGENCY NUMBER: (800) 424-9300 (Chemtrec). INTERNATIONAL: 001-703-527-3887

DESCRIPTION : Proprietary mixture of petroleum derivatives.

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.

STORE in a cool, dry place between 45°F and 85°F. Keep out of direct sunlight and away from heat sources.

Keep Container upright; do not roll; do not store in plastic - or rubber - lined containers.

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.

Distribution of the Material Safety Data is only one component of your workplace hazard communication program. It is the employer's responsibility to ensure that all employees are properly trained to recognize, evaluate and protect themselves from the risks associated with the storage, use and disposal of this and any other chemical material.



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