

# MATERIAL SAFETY DATA SHEET

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FOR EMERGENCY CALL (314) 382-9881  
June 1, 2006

Please become familiar with the Material Safety Data Sheet, as it is important for the user to understand the product. If further information is desired, consult professionals or reference studies in toxicology, fire prevention/suppression and ventilation.

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## I. PRODUCT IDENTIFICATION

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Product Name: **Multi-Tech Reducer #4/Thinner DT**  
Product Number:  
Chemical Name: Aliphatic Petroleum Distillates  
Chemical Family: Aliphatic Hydrocarbon  
Synonyms:

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## II. HAZARDOUS INGREDIENTS

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<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH-TLV</u>	<u>PEL</u>	<u>PERCENT</u>
Aliphatic Distillates	64742-88-7	100 ppm	500ppm	100

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## III. PHYSICAL DATA

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Boiling Point ..... 355°F  
Vapor Density (AIR = 1) ..... 5.4  
Vapor Pressure (@ 70°F) ..... 0.5 mm Hg  
Specific Gravity (@ 25°C) ..... 0.78

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## IV. FIRE AND EXPLOSION DATA

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Flash Point ..... 142°F (C.O.C.)  
Extinguishing Media .... Dry chemicals (i.e. mono ammonium phosphate, potassium sulfate & potassium chloride), carbon dioxide, or chemical foam.  
Special Fire Fighting .. Full emergency equipment with self-contained breathing apparatus should be used.

Cold water should continuously be sprayed on exposed containers, as the high temperatures can cause pressure to build up in drums and other closed containers.

HMIS Hazard Class: Health = 2; Flammability = 2; Reactivity = 0

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## V. HEALTH AND SAFETY INFORMATION

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### HUMAN EFFECTS

Inhalation ..... Respiratory tract irritation  
Skin Contact ..... Moderate skin irritation  
Eye Contact ..... Severe eye irritation  
Ingestion ..... Gastrointestinal irritation, diarrhea, nausea and vomiting.

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## VI. EMERGENCY FIRST AID PROCEDURES

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Inhalation ..... Vacate area to area with good ventilation and with no further risk of exposure. Treat symptomatically.  
Skin Contact ..... Thoroughly wash affected areas with soap & water. Remove contaminated clothing & wash before reuse.  
Eye Contact ..... Flush eyes with clean lukewarm water at low pressure for at least 15 minutes. Seek medical attention immediately.  
Ingestion ..... Do not induce vomiting; consult physician immediately.

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## VII. EMPLOYEE PROTECTION RECOMMENDATIONS

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Respiratory Protection .. If exposure is likely to exceed exposure limits, an appropriate NIOSH approved respirator for organic mist and vapor must be worn (Section II). See OSHA regulations for respirator use (29CFR 1910.134).  
Skin Protection ..... Chemically resistant gloves should be worn when handling any chemicals. Wash thoroughly when through.  
Ventilation ..... The area must have good general ventilation. Local exhaust may also be needed to keep air contamination below recommended exposure levels.  
Other ..... Eyewash stations and safety showers should be readily available and clearly identified. Also, employees need to know how to use the equipment properly.

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## VIII. REACTIVITY DATA

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Stability ..... Stable under normal conditions.  
Polymerization ..... Hazardous polymerization will not take place.  
Incompatibility ..... Materials to avoid: strong oxidizing agents.  
Hazardous Decomposition  
Products ..... Hydrogen chloride, acetic acid, carbon monoxide, carbon dioxide by combustion.

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#### IX. SPILL OR LEAK PROCEDURES

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If material is spilled  
or released ..... Small spills can be wiped up with absorbent materials. Larger spills may be collected into drums and disposed of in compliance with federal, state, and local environmental control regulations. Corrosive hydrogen chloride is generated if incinerated.

Waste Disposal ..... See above.

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#### X. SPECIAL PRECAUTIONS AND STORAGE DATA

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Storage Temperature.... Below 120°F recommended.  
Storage Conditions ..... Do not store near heat, flame, or strong oxidants.

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#### XI. TRANSPORTATION REQUIREMENTS

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Hazard Class: Combustible Liquid, class 3.  
D.O.T. Proper Shipping Name: Naphtha, Solvent                      UN 1256              Packing Group: III

NOTE: The information contained herein is based upon information received from our suppliers and is believed to be correct. The user assumes responsibility of the product, as Multi-Tech has no control over its utilization. Updates to this MSDS will be made available, as more information is accessible to Multi-Tech.

Prepared by: Multi-Tech, Inc. MSDS Committee  
Date: February 20, 2002  
Supercedes: All previous