

MATERIAL SAFETY DATA SHEET

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FOR EMERGENCY CALL (314) 382-9881
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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.

I. PRODUCT IDENTIFICATION

Product Name: **MULTI-TECH THINNER PL/REDUCER #1**
Product Number: 110-001
Chemical Name: Phthalate Ester
Chemical Family: Phthalate Ester
Synonyms: Plasticizer

II. HAZARDOUS INGREDIENTS as defined in 29 CFR 1910.1200 (carcinogens identified with an asterisk*)

PRODUCT
Thinner PL N/A
Reducer #1

III. PHYSICAL DATA

Boiling Point 586°F @ 760 mm Hg
Vapor Pressure 0.3 mm Hg @ 180°C
Appearance Clear, oily liquid
Vapor Density Not available
Specific Gravity. 0.97

IV. FIRE AND EXPLOSION DATA

Flash Point 440°F (C.O.C.)
Extinguishing Media Use water fog, foam or dry chemical extinguishing media.
Special Fire Fighting Full emergency equipment with self-contained breathing apparatus should be used.
Cold water should be continuously sprayed on exposed containers as the high temperatures can cause pressure to build up in drums and other closed containers.

HMIS Hazard Class: Health:1; Flammability: 1; Reactivity: 0

V. HEALTH AND SAFETY INFORMATION

HUMAN EFFECTS

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

VI. EMERGENCY FIRST AID PROCEDURES

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 and water. Remove contaminated clothing and wash clothing before reuse.
Eye Contact Flush eye with clean lukewarm water at low pressure for at least 15 minutes. Seek medical attention immediately.
Ingestion Dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if victim is unconscious or having convulsions. Get medical attention immediately.

VII. EMPLOYEE PROTECTION RECOMMENDATIONS

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.
Eye Protection Wear safety goggles or glasses with side shields.
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. Employees must be properly trained in the use of all safety equipment.

VIII. REACTIVITY DATA

Stability Stable under normal conditions.
Polymerization Hazardous polymerization will not take place.
Incompatibility Materials to avoid: strong oxidizing agents.
Hazardous Decomposition
Products Carbon monoxide, carbon dioxide.

IX. SPILL OR LEAK PROCEDURES

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.

Waste Disposal See above.

X. SPECIAL PRECAUTIONS

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

XI. TRANSPORTATION REQUIREMENTS

D.O.T. Labels Required None

D.O.T. Hazardous Classification .. None. Non-hazardous

Hazardous Waste No

NOTE: The information contained herein is based on information received from our suppliers and is believed to be correct. The user assumes responsibility for 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: June 26, 1997
Supercedes: All previous
Revisions: Add part # and Reducer #1 name