

**Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300
or 202-483-7616**

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: DIETHYL PHTHALATE
This MSDS is valid for all grades that start with catalog number 317

General Information

Company's Name: PHARMCO PRODUCTS, INC.	Safety Data Review Date: 8/23/99
Company's Street: 58 VALE RD.	Preparer's Company: PHARMCO PRODUCTS, INC.
Company's City: BROOKFIELD	Preparer's St Or P. O. Box: 58 VALE RD.
Company's State: CT	Preparer's City: BROOKFIELD
Company's Zip Code: 06804	Preparer's State: CT
Company's Emerg Ph #: (203) 740-3471	Preparer's Zip Code: 06804
Company's Info Ph #: (203) 740-3471	
Date MSDS Revised: Nishant-8/23/99	

Ingredients/Identity Information

Proprietary: NO	CAS Number: 84-66-2
Ingredient: DIETHYL PHTHALATE	OSHA PEL: NOT ESTABLISHED
Ingredient Sequence Number: 01	ACGIH TLV: NOT ESTABLISHED
Percent: 100	Other Recommended Limit: NONE
NIOSH (RTECS) Number: TI1050000	RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS ODORLESS LIQUID.	Specific Gravity: 1.118
Boiling Point: 568F,298C	Evaporation Rate And Ref: <1 (N-BUTYL ACETATE=1)
Melting Point: -40F,-40C	Solubility In Water: INSOLUBLE
Vapor Pressure (MM Hg/70 F): NIL	Percent Volatiles By Volume: N/A
Vapor Density (Air=1): 7.66	

Fire and Explosion Hazard Data

Flash Point: 322F,161C	Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS.
Flash Point Method: OC	Unusual Fire And Expl Hazrds: THERMAL DECOMPOSITION PRODUCES ACRID FUMES.
Lower Explosive Limit: 0.70	
Upper Explosive Limit: N/A	
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY.	

Reactivity Data

Stability: YES	Hazardous Decomp Products: OXIDES OF CARBON.
Cond To Avoid (Stability): EXTREME HEAT.	Hazardous Poly Occur: NO
Materials To Avoid: ACIDS, OXIDIZERS.	Conditions To Avoid (Poly): NONE.

Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT) IS 8600 MG/KG
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: IRRITATING TO SKIN, EYES AND MUCOUS MEMBRANES. MAY BE HARMFUL IF INHALED OR SWALLOWED. NARCOTIC IN HIGH CONCENTRATIONS.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: THE MATERIAL IS NOT LISTED (IARC, NTP, OSHA) AS CANCER CAUSING AGENT.
Signs/Symptoms Of Overexp: -INHALATION CAUSES IRRITATION TO EYES, RESPIRATORY TRACT AND NASAL PASSAGE, NARCOSIS IN HIGH CONCENTRATIONS, IRRITATING ON CONTACT WITH SKIN, EYES OR MUCOUS MEMBRANES.
Med Cond Aggravated By Exp: DATA NOT AVAILABLE.
Emergency/First Aid Proc: SKIN: WASH THOROUGHLY WITH SOAP AND WATER. EYES-IMMEDIATELY FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. INHALATION-REMOVE TO FRESH AIR; GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. INGESTION-IF CONSCIOUS, DRINK WATER AND INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: EVACUATE THE AREA OF ALL UNNEEDED PERSONNEL. WEAR SUITABLE PROTECTIVE EQUIPMENT. ELIMINATE ANY IGNITION SOURCES. CONTAIN THE RELEASE & ELIMINATE ITS SOURCE, WITHOUT RISK. TAKE UP & CONTAINERIZE FOR PROPER DISPOSAL.
Waste Disposal Method: INCINERATION TO A LEVEL BELOW TCA LEVELS. CONTACT YOUR LOCAL PERMITTED WASTE DISPOSAL COMPANY (TSD) FOR PERMISSIBLE TREATMENT SITE. ALWAYS CONTACT A PERMITTED WASTE DISPOER TO ASSURE COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: KEEP CONTAINER CLOSED. STORE IN A COOL AREA AWAY FROM IGNITION SOURCES AND OXIDIZERS. DO NOT BREATHE VAPOR. DO NOT GET IN EYES. AVOID SKIN CONTACT.
Other Precautions: SPILL RESPONSE: COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS ON REPORTING RELEASE. REFER TO REGULATORY INFORMATION FOR REPORTABLE QUANTITY AND OTHER REGULATORY DATA. EM SCIENCE RECOMMENDS SPILL-X ABSORBENT AGENT FOR VARIOUS SPILL TYPES.

Control Measures

Respiratory Protection: NONE SPECIFIED BY MANUFACTURER.
Ventilation: MATERIAL SHOULD BE HANDLED OR TRANSFERRED IN AN APPROVED FUME HOOD OR WITH ADEQUATE VENTILATION.
Protective Gloves: BUTYL RUBBER, NITRILE, PVA OR EQUIVALENT
Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.
Other Protective Equipment: EYE WASH AND SAFETY EQUIPMENT SHOULD BE READILY AVAILABLE.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.
Suppl. Safety & Health Data: DO NOT TAKE INTERNALLY.

Transportation Data

Trans Data Review Date: 95236
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED
BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED
FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED
BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY
THIS MODE OF TRANSPORTATION
MMAC Code: NR

Disposal Data

Refer to applicable regional, state and federal codes.

Label Data

Label Required: YES
Technical Review Date: 24AUG95
Label Date: UNDATED
Label Status: D
Common Name: DEP; ETHYL PHTHALATE
Chronic Hazard: YES
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: SPILL: EVACUATE
THE AREA OF ALL UNNEEDED
PERSONNEL. WEAR SUITABLE PROTECTIVE
EQUIPMENT. ELIMINATE ANY IGNITION
SOURCES. CONTAIN THE RELEASE &
ELIMINATE ITS SOURCE, WITHOUT RISK.
TAKE UP

& CONTAINERIZE FOR PROPER DISPOSAL.
FIRST AID: SKIN: WASH THOROUGHLY WITH
SOAP AND WATER. EYES-IMMEDIATELY
FLUSH THOROUGHLY WITH WATER FOR AT
LEAST
15 MINUTES. INHALATION-REMOVE TO
FRESH AIR; GIVE ARTIFICIAL RESPIRATION
IF
BREATHING HAS STOPPED. INGESTION-IF
CONSCIOUS, DRINK WATER AND INDUCE
VOMITING IMMEDIATELY AS DIRECTED BY
MEDICAL PERSONNEL. NEVER GIVE
ANYTHING
BY MOUTH TO UNCONSCIOUS PERSON.
Protect Eye: X
Protect Skin: X

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.