



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 and catalog numbers

General Information

Company's Name: PHARMCO PRODUCTS, INC.
Company's Street: 58 VALE RD.
Company's City: BROOKFIELD
Company's State: CT
Company's Zip Code: 06804
Company's Emerg Ph #: (203) 740-3471
Company's Info Ph #: (203) 740-3471

Date MSDS Revised: Nishant-8/23/99
Safety Data Review Date: 8/23/99
Preparer's Company: PHARMCO PRODUCTS, INC.
Preparer's St Or P. O. Box: 58 VALE RD.
Preparer's City: BROOKFIELD
Preparer's State: CT
Preparer's Zip Code: 06804

Ingredients/Identity Information

Proprietary: NO
Ingredient: DIETHYL PHTHALATE
Ingredient Sequence Number: 01
Percent: 100
NIOSH (RTECS) Number: TI1050000

CAS Number: 84-66-2
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE
RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS
ODORLESS LIQUID.
Boiling Point: 568F, 298C
Melting Point: -40F, -40C
Vapor Pressure (MM Hg/70 F): NIL
Vapor Density (Air=1): 7.66

Specific Gravity: 1.118
Evaporation Rate And Ref: <1 (N-BUTYL
ACETATE=1)
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: N/A

Fire and Explosion Hazard Data

Flash Point: 322F, 161C
Flash Point Method: OC
Lower Explosive Limit: 0.70
Upper Explosive Limit: N/A

Extinguishing Media: CARBON DIOXIDE,
DRY CHEMICAL, FOAM, WATER SPRAY.
Special Fire Fighting Proc: WEAR SELF-
CONTAINED BREATHING APPARATUS.

Unusual Fire And Expl Hazrds: THERMAL
DECOMPOSITION PRODUCES ACRID

FUMES.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): EXTREME HEAT.

Materials To Avoid: ACIDS, OXIDIZERS.

Hazardous Decomp Products: OXIDES OF
CARBON.

Hazardous Poly Occur: NO

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

Disposal Data

Refer to applicable regional, state and federal codes.

Label Data

Label Required: YES	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
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	

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.