

POLY RESEARCH CORP -- DIOCTYPHTHALATE (DOP PLASTICIZER) -- 6810-01-014-1537

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Product Identification  
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Product ID:DIOCTYPHTHALATE (DOP PLASTICIZER)

MSDS Date:04/10/1992

FSC:6810

NIIN:01-014-1537

MSDS Number: CDXBQ

=== Responsible Party ===

Company Name:POLY RESEARCH CORP

Address:125 CORPORATE DR

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone Num:516-758-0460

Emergency Phone Num:5

16-758-0460

CAGE:6G250

=== Contractor Identification ===

Company Name:POLY RESEARCH CORP

Address:125 CORPORATE DR

Box:City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

CAGE:6G250

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Composition/Information on Ingredients  
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Ingred Name:PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER;  
(DI(2-ETHYLHEXYL)PHTHALATE) (SARA 313) (CERCLA)

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 100%

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:SUPDAT:DI

CHARGES TO SANIT SEWERS/PUBLICALLY OWNED

TREATMENT WORKS. ENVIRON IMPACT PROPERTIES:LOW BIOCHEM OXYG (ING 3)  
RTECS #:9999999ZZ

Ingred Name:ING 2:DEMAN & LITTLE POTNTL TO CAUSE OXYG DEPLETION IN AQ  
SYS, LOW POTNTL TO AFFECT AQUATIC ORGANISMS, LOW POTNTL(ING 4)  
RTECS #:9999999ZZ

Ingred Name:ING 3:TO AFFECT SECONDARY WASTE TREATMENT MICROBIAL  
RESPIRATION. EXPECTED TO BIODEGRADE & IS NOT EXPECTED TO (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4:PERSIST FOR LONG PERIODS IN AQUATIC ENVIR  
ON. DIRECT  
INSTANTANEOUS DISCHARGE TO RECEIVING BODY OF WATER IS (ING 6)  
RTECS #:9999999ZZ

Ingred Name:ING 5:NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS.  
RTECS #:9999999ZZ

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50:(ORAL,RAT) 30.6 G/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INHAL/SKIN:HARMFUL. BECAUSE MATL DOES  
NOT EVAP R

EASILY & IS NOT EASILY ABSORBED THRU SKIN, IT IS NOT

EXPECTED TO PRDCE SUCH EFTS IN HUMANS THRU INHAL/SKIN EXPOS WHEN  
HNDLD IN A MANNER CONSISTENT W/PRE CAUTIONARY MEASURES CNTND IN  
THIS MSDS.EYES:LOW HAZ FOR USUAL INDUS HNDLG/COMMERCIAL HNDLG BY  
TRAINED (EFTS OF OVEREXP)

Explanation of Carcinogenicity:PHTHALIC ACID,

BIS(2-ETHYLHEXYL)ESTER:IARC MONO, SUPP, VOL 7, PG 56, 1987:GRP 2B.

NTP 7TH ANNUAL RPT ON CARCINS,(SUPDAT)

Effects of Overexposure:HLTH HAZ:PERS. INGEST:HARMF

UL. ORAL DOSES HIGH

ENOUGH TO CAUSE TOX IN PREGNANT ANIMALS PRDCD BIRTH DEFECTS IN  
THEIR OFFSPRING. HIGH ORAL DOSES GIVEN TO MALE ANIMALS PRDCD  
REDUCED FERTILITY. HIGH ORAL DOSES TO HUMAN ARE NOT EXPECTED. MATL  
KNOWN TO STATE OF CALIFORNIA TO CAUSE  
CANCER:DI(2-ETHYLHEXYL)PHTHALATE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INHAL:MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY.

GET MED ATTN

IF SYMPS PERSIST. EYES:IMMED FLUSH W/PLENTY OF WATER FOR AT LST 15 MIN. GET MED ATTN IF SYMPS PERSIST. SKIN:IMMED REMOVE CONTAM CLTHG & SHO ES. WASH SKIN W/SOAP & PLENTY OF WATER.GET MED ATTN IF SYMPS OCCUR. WASH CONTAM CLTHG BEFORE REUSE. DESTROY/THORO CLEAN CONTAM SHOES. INGEST:SEEK MEDICAL ADVICE.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:420F,216C

Lower Limits:0.31% @ 256C

Extinguishing Media:WA

TER SPRAY, DRY CHEMICAL, CARBON DIOXIDE (CO\*2),  
FOAM.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:SENSITIVITY TO MECHANICAL IMPACT:  
INSENSITIVE AT 100 KG-CM.

===== Accidental Release Measures =====

Spill Release Procedures:ABSORB SPILL W/VERMICULITE/OTHER INERT MATL,  
THEN PLACE IN CNTNR FOR CHEM WASTE. FOR LG SPILLS:FLUSH SPILL AREA  
W/WATER SPRAY. PVNT RUNOFF FROM ENTERING DRAINS, S  
EWERS/STREAMS.

ENVIRON EFTS TO ASSIST IN ADDRESSING EMERS CREATED BY ACCIDENTAL  
(SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID BREATHING MIST OR VAPOR AT  
CONCENTRATIONS GREATER THAN EXPOSURE LIMITS. USE W/ADEQUATE  
VENTILATION. AVOID CONTACT W/EYES, SKIN & CLOTHING.

Other Precautions:KEEP CONTAINER CLOSED. CAUTION:FOR MANUFACTURING,  
PROCESSING OR REPACKING  
BY TRAINED PERSONNEL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE  
CONCS BELOW RELS, A NIOSH APPRVD HIGH EFFICIENCY PARTICULATE  
AEROSOL (HEPA), ORGANIC VAP RESP MUST BE WORN. IF RESPS ARE USED, A  
PROGRAM SHOULD BE INST ITUTED TO ASSURE COMPLIANCE W/ (SUPDAT)

Ventilation:GOOD GEN VENT (TYPICALLY 10 AIR CHANGES PER HR) SHOULD BE  
USED. VENT RATES SHOULD BE MATCHED TO CNDTNS. USE (SUPP D

ATA)  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .  
Other Protective Equipment:ANSI APPRVD EYE WASH FOUNTAIN & DELUGE  
SHOWER . WEAR BOOTS & PROTECTIVE CLOTHING APPROPRIATE FOR RISK OF  
EXPOSURE.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
VP:0.0000001 MBAR @ 20C. % VOLAT:NEGLIG (WT). EXPLAN OF  
CARCIN:1994:ANTIC TO BE CARCIN. ANIMAL:LIVER, TESTES. RESP  
PROT:OSHA STD 29 CFR 1910.134. VENT:PROCESS ENCL  
OSURES, LOC EXHST  
VENT/OTHER ENGINEER ING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW  
RELS. SPILL PROC:SPILL DURING SHIPMENT. IT IS NOT MEANT TO  
ADDRESS(ING 2)

===== Physical/Chemical Properties =====

HCC:T6  
Boiling Pt:B.P. Text:723F,384C  
Melt/Freeze Pt:M.P/F.P Text:-58F,-50C  
Vapor Pres:SUPP DATA  
Vapor Density:13.5  
Spec Gravity:0.985 (H\*2O=1)  
Evaporation Rate & Reference:NEGLIGIBLE  
Solubility in Water:0.34 MG/L @ 25C  
Appearance and Odor:COLORLESS LIQU  
ID; SLIGHT ODOR.  
Percent Volatiles by Volume:SUPDAT

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
MATERIAL CAN REACT W/STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:HAZARDOUS COMBUSTION PRODUCTS: CARBON  
DIOXIDE, CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL M

AY BE SUBJECT

TO NATIONAL, STATE OR LOCAL LAWS. INCINERATE. SINCE EMPTIED  
CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER  
CONTAINER IS EMPTIED. RE PORTABLE QUANTITY:100 LBS.

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