

BAYER CORP -- D-504 DESMOPHEN 1300-75 -- 8030-01-387-0950

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Product Identification
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Product ID:D-504 DESMOPHEN 1300-75

MSDS Date:08/15/1995

FSC:8030

NIIN:01-387-0950

MSDS Number: BYPGK

=== Responsible Party ===

Company Name:BAYER CORP

Address:100 BAYER RD

City:PITTSBURGH

State:PA

ZIP:15205

Country:US

Info Phone Num:412-777-2725

Emergency Phone Num:412-777-2725

CAGE:JO283

=== Contractor I

dentification ===

Company Name:BAYER CORP

Address:100 BAYER RD

Box:4913

City:PITTSBURGH

State:PA

ZIP:15205-9741

Country:US

Phone:800-662-2927

CAGE:JO283

Company Name:BAYER CORPORATION

Address:100 BAYER ROAD

Box:City:PITTSBURGH

State:PA

ZIP:15205-9741

Country:US

Phone:800-662-2927; 202-483-7616

CAGE:19511

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Composition/Information on Ingredients
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Ingred Name:XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GROUP 3) *95-4*

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 20%

Other REC Limits:100 PPM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM, SKIN
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE *95-4*
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 5%
Other REC Limits:100 PPM
OSHA PEL:435 MG/CUM
ACGIH TLV:434 MG/CUM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50(RAT): >5000 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: VAPORS ARE IRRITATING TO THE EYES, NOSE, THROAT & RESPIRATORY TRACT. NEUROTOXIC EFFECTS, PERMANENT BRAIN & CNS DAMAGE. SKIN: IRRITATION & DERMATITIS. EYES: IRRITATING, CORNEAL DAMAGE & INJURY. CONJUNCTIVITIS. INGESTION: IRRITATION TO DIGESTIVE TRACT. (SEE SUPP)
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, RED, ITCHING, DRYNESS OF THROAT, TIGHTNESS IN THE CHEST, HEADACHE, NAUSEA, NARCOSIS, FATIGUE, LOSS OF APPETITE, LOSS OF MEMORY, LOSS OF INTELLECTUAL ABILITY, LOSS OF COORDINATION, DEFATTING, CRACKED, SWELLING, PAIN, TEARING, SORE THROAT, ABDOMINAL PAIN, VOMITING, DIARRHEA.

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

First Aid:EYES: FLUSH W/CLEAN, LUKEWARM WATER (LOW PRESSURE) FOR 15 MINS. SKIN: WASH AREAS THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. INGESTION: DON'T INDUCE

VOMITING . DON'T GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:TCC

Flash Point:84F

Lower Limits:1 (XYLENE)

Upper Limits:7 (XYLENE)

Extinguishing Media:DRY CHEMICAL, CO2, FOAM, WATER

Fire Fighting Procedures:WEAR FULL EMERGENCY EQUIPMENT W/SCBA & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME

HEAT. SOLVENT VAPORS MAY BE > AIR & MAY BUILDUP/TRAVEL ALONG THE GROUND TO AN IGNITION SOURCE/FLASHBACK.

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

Spill Release Procedures:EVACUATE AREA. REMOVE SOURCES OF IGNITION. VENTILATE AREA. EQUIP CLEAN UP CREW W/PROTECTIVE EQUIPMENT. DIKE/IMPOUND MATERIAL & CONTROL IF FEASIBLE. COVER W/SAWDUST, VERMICULITE, FULLERS EARTH/OTHER AB SORBENT MATERIAL, COLLECT IN OPEN CONTAINERS.(SUPP

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

Handling and Storage Precautions:STORE TEMP AT 32-122F. SHELF LIFE: 12 MONTHS AT 77F IN CLOSED, ORIGINAL CONTAINER. MATERIAL IS HYGROSCOPIC.

Other Precautions:CONTAINERS SHOULD BE TIGHTLY SEALED TO PREVENT CONTAMINATION W/FOREIGN MATERIALS & MOISTURE. TAKE PRECAUTIONS AGAINST THE BUILDUP OF ELECTROSTATIC CHARGES. DON'T HEAT/CUT EMPTY CONTAINER W/ELECTRIC/GA S TORCH.

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

Respiratory Protection:USE A RESPIRATOR THAT IS RECOMMENDED/APPROVED FOR USE IN ORGANIC VAPOR (AIR PURIFYING/FRESH AIR SUPPLIED). IN SPRAY APPLICATIONS AN ORGANIC VAPOR/PARTICULATE RESPIRATOR/AIR RESPIRATOR IS NECESSARY.

Ventilation:LOCAL EXHAUST TO KEEP AIRBORNE CONCENTRATIONS OF XYLENE < TLVLS.

Protective Gloves:RESISTANT/BUTYL RUBBER/NITRILE RUBBER

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:APPROPRIATE PROTECTIVE CLOTHING, SAFETY SHOWERS & EYEWASH STATIONS

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. CONTACT LENSES SHOULD'NT BE WORN.

Supplemental Safety and Health

HLTH HZRDS CONT'D: VOMITING MAY CAUSE ASPIRATION OF SOLVENT RESULTING IN CHEMICAL PNEUMONITIS. SPILLS: REMOVE CONTAINERS TO SAFE PLACE & COVER. FLUSH AREA W/WATER. BOILING POINT: 280F (XYLENE). MELTING/FREEZING POINT: -54.4F (XYLENE).

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

HCC:F3

Boiling Pt:B.P. Text:(SEE SUPP)

Melt/Freeze Pt:M.P/F.P Text:(SEE SUPP)

Vapor Pres:9 (XYLENE)

Spec Gravity:1.05

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR TO LIGHT YELLOW LIQUID OF SOLVENT ODOR

Percent Volatiles by Volume:25

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:BY FIRE: CO, CO2

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

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te Disposal Methods:WASTE MATERIAL MUST BE DISPOSED OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED W/CARE DUE TO PRODUCT RESIDUE & FLAMMABLE SOLVENT VAPOR. FLAMMABLE LIQUID UN1866. EPA HAZARDOUS WASTE NO: D001.

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