

E I DUPONT DE NEMOURS & CO INC -- DE6018 -- 8010-00N078820

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Product Identification
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Product ID:DE6018
MSDS Date:01/12/1993
FSC:8010
NIIN:00N078820
MSDS Number: CGGQC
=== Responsible Party ===
Company Name:E I DUPONT DE NEMOURS & CO INC
Address:1007 MARKET ST
City:WILMINGTON
State:DE
ZIP:19898
Country:US
Info Phone Num:800-441-9442
Emergency Phone Num:800-441-3637;800-424-9300 (CHEMTREC)
CAGE:0ERJ7
=== Contractor Identification ===
Company Name:E I DUPONT DE NEMOURS & CO, INC.
Address:1007 MARKET STREET
City:WILMINGTON
State:DE
ZIP:19898
Country:US
Phone:800-441-7515
CAGE:0ERJ7
Company Name:E.I. DUPONT DE NEMOURS & CO
Address:1007 MARKET STREET
Box:City:WILMINGTON
State:DE
ZIP:19898
Country:US
Phone:800-441-7515;800-441-9442
CAGE:18873

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Composition/Information on Ingredients
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Ingred Name:XYLENE (SARA 313) (CERCLA) VP: 8 @ 20C
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 30-60%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:2(3H)-FURANONE, DIHYDRO-; (4-BUTYROLACTONE) VP: 1 @ 20C;
LD50 (ORAL RAT): 800-1600 MG/KG
CAS:96-48-0
RTECS #:LU3500000
Fraction by Wt: 30-60%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:EFTS OF OVEREXP: EYE IRRIT W/DISCOMFORT, TEARING/BLURRING
OF VISION. INHAL: NAUS, HDCH/WEAK. TEMPORARY NERV SYS (ING 4)
RTECS #:9999999ZZ

Ingrid Name:ING 3: DEPRESS W/ANESTH EFTS, DIZZ, HDCH, CONFUSION,
INCOORD & LOSS OF CONSCIOUSNESS. INGEST: GI IRRIT, NAUS, (ING 5)
RTECS #:9999999ZZ

Ingrid Name:ING 4: HDCH/WEAK. HUMAN EFTS OF HIGHER LEVEL ACUTE,
RPTD/CHRONIC OVEREXP MAY INCL: MUCOSAL HEMORR, LIVER DMG, (ING 6)
RTECS #:9999999ZZ

Ingrid Name:ING 5: KIDNEY DMG, CARDIOVASCULAR EFTS, RESP DFCLTYS,
ANEMIA, FATALITY FROM GROSS OVEREXP; DEFAT (DRYING) OF SKIN(ING 7)
RTECS #:9999999ZZ

Ingrid Name:ING 6: W/REDNESS, BLISTERS, IRRIT. SKIN PERMEATION CAN
OCCUR IN AMTS CAPABLE OF PRODUCING EFTS OF SYSTEMIC TOX. (ING 8)
RTECS #:9999999ZZ

Ingrid Name:ING 7: ONE PUBLISHED RPT'S LIMITED DATA SUGGESTED HIGH ORAL
DOSES OF XYLENE CAUSED INCRD MALIGNANT TUMORS IN (ING 9)
RTECS #:9999999ZZ

Ingrid Name:ING 8: RATS. HOWEVER, OTHER, MORE EXTENSIVE STUDIES HAVE
DEMONSTRATED NO CARCIN ACTIVITY. ING 2: ANIMAL TOX: (ING 10)
RTECS #:9999999ZZ

Ingrid Name:ING 9: MOD SKIN & EYE IRRIT. NO SKIN SENSIT. INHAL: RESP
RATE CHANGES, HYPERACTIVITY, LETHARGY/INACTIVITY. RPTD/(ING 11)
RTECS #:9999999ZZ

Ingrid Name:ING 10: PRLNG ANIMAL EXPOS: INHAL: RESP RATE CHANGES.
INGEST: LETHARGY/INACTIVITY, NASAL EFTS, WT LOSS. HUMAN (ING 12)
RTECS #:9999999ZZ

Ingrid Name:ING 11: HLTH EFTS OF OVEREXP MAY INCL SKIN IRRIT
W/DISCOMFORT/RASH, EYE IRRIT W/DISCOMFORT, TEARING/BLURRING OF (ING
13)
RTECS #:9999999ZZ

Ingrid Name:ING 12: VISION. HUMAN EFTS OF HIGHER LEVEL ACUTE,
RPTD/CHRONIC OVEREXP MAY INCL: IRRIT OF UPPER RESP PASSAGES W/(ING
14)
RTECS #:9999999ZZ

Ingrid Name:ING 13: COUGH & DISCOMFORT, TEMPORARY NERV SYS DEPRESS
W/ANESTH EFTS, DIZZ, HDCH, CONFUSION, INCOORD & LOSS OF (ING 15)
RTECS #:9999999ZZ

Ingrid Name:ING 14: CONSCIOUSNESS, IRRIT OF UPPER RESP PASSAGES W/COUGH
& DISCOMFORT. SKIN PERMEATION CAN OCCUR IN AMTS (ING 16)
RTECS #:9999999ZZ

Ingrid Name:ING 15: CAPABLE OF PRODUCING EFFECTS OF SYSTEMIC TOXICITY.
RTECS #:9999999ZZ

Ingrid Name:FIRST AID PROC: TO UNCON PERS. CALL MD. NOTE TO MD: GASTRIC
LAVAGE MAY BE ADVISABLE FOR SIGNIFICANT INGESTIONS.
RTECS #:9999999ZZ

Ingrid Name:SPILL PROC: CONCS ARE NOT KNOWN. CONTAIN SPILL AT SOURCE BY
DIKING/ABSORBING W/SAND. DO NOT ALLOW SPILL TO (ING 19)

RTECS #:9999999ZZ

Ingred Name:ING 18: SPREAD TO/INTENTIONALLY FLUSH TO SEWER/GROUND. WASH AREA THORO. ADEQ VENT AREA. SPILL RESIDUE, CLEANING (ING 20)
RTECS #:9999999ZZ

Ingred Name:ING 19: RAGS & ABSORB MAY BE CONSIDERED HAZ.
RTECS #:9999999ZZ

Ingred Name:RESP PROT: MEET APPLIC LIM, NIOSH APPRVD RESP PROT PROGRAM UP TO LEVEL OF OSHA STD 29 CFR 1910.134 IS MANDATORY.(ING 22)
RTECS #:9999999ZZ

Ingred Name:ING 21: THIS INCL AIR MONITORING, SELECTION, MED APPROVAL, TRAINING, FIT TESTING, INSPECTION, MAINT, CLEANING, (ING 23)
RTECS #:9999999ZZ

Ingred Name:ING 22: STOR, ETC. RESPS W/ORG VAP CARTRIDGES PROVIDE ADEQ PROT, W/IN USE LIMITATIONS FOR XYLENE.
RTECS #:9999999ZZ

Ingred Name:HYGIENE PRACT: AREA. CONTAM WORK CLTHG SHOULD NOT BE ALLOWED OUT OF WORKPLACE. DO NOT SMOKE, CONSUME/STORE FOOD (ING 25)
RTECS #:9999999ZZ

Ingred Name:ING 24: OR DRINKS IN AREAS WHERE PROD IS HANDLED/STORED. AFTER HNDLG PROD, WASH HANDS THORO BEFORE LEAVING WORK AREA.
RTECS #:9999999ZZ

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===== Hazards Identification =====
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LD50 LC50 Mixture:SEE INGREDIENT 2.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: ING 1: TOX ANIMAL EFTS: MILD TO SEV SKIN IRRIT, EYE IRRIT, NARCOS. INHAL: CARDIOVASCULAR EFTS, UPPER RESP IRRIT, BLOOD EFTS. INGEST: TREMORS, MUSC PARAL.
INHAL/INGEST: INCOORD, CNS EFTS. RPTD/P RLNG ANIMAL EXPOS: INHAL: REDUCED GROWTH RATE, BONE MARROW EFTS, BLOOD EFTS, KIDNEY EFTS, HEARING LOSS,(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ: CARD EFTS, LUNG EFTS, ADRENAL EFTS, SPLEEN EFTS. INGEST: NARCOS. INHAL/INGEST: INCOORD, CNS EFTS, LIVER EFTS. CHRONIC EFTS OF ANIMAL TESTS: INGEST: LIVER EFTS.
INHAL/INGEST: WT LOSS. ADDNL A NIMAL TESTS HAVE SHOWN: DEVEL TOX AT DOSAGE LEVELS SHOWING MATERNAL TOX. HUMAN HLTH EFTS OF OVEREXP MAY INCL: (ING 3)
Medical Cond Aggravated by Exposure:INDIVIDUALS MAY HAVE INCREASED SUSCEPTIBILITY TO HAZARDS OF OVEREXP TO INGREDIENTS OF THIS PROD IF THEY HAVE PREEXISTING DISEASES OF CARDIOVASCULAR SYS, LUNGS, LIVER, KIDNEYS, CNS, BONE MARROW.

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===== First Aid Measures =====
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First Aid:SKIN: IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN WHILE REMOVING CONTAM CLTHG & SHOES. CALL MD. WASH CONTAM CLTHG BEFORE REUSE. EYES: IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN. CALL MD. INHAL: REMOVE TO FRESH AIR IMMED. IF NOT BRTHG GIVE ARTF RESP. IF BRTHG IS DFCLT GIVE OXYGEN. CALL MD. INGEST: DO NOT INDUCE VOMIT. IMMED GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH

(ING 17)

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Fire Fighting Measures
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Flash Point:95.0F,35.0C
Extinguishing Media:WATER SPRAY, DRY CHEMICAL OR CARBON DIOXIDE.
Fire Fighting Procedures:WEAR NIOSH APPRVD SCBA & FULL PROT EQUIP .
DECONTAM CONTAM CLTHG & EQUIP W/SOAP & WATER. DISP OF RESIDUES PER
FED, STATE & LOC REGS.
Unusual Fire/Explosion Hazard:TOX DECOMP PRODS MAY FORM UNDER FIRE
CNDTNS. KEEP AWAY FROM SPKS & OPEN FLAMES. DO NOT SMOKE IN AREA
W/OPEN PROD. SOLV VAPS ARE HVR/AIR & MAY TRAVEL (SUP DAT)

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Accidental Release Measures
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Spill Release Procedures:SML SPILL: ABSORB ON RAGS, SAND/OTHER ABSORB
MATL. LGE SPILL: GET WORKERS OUT OF AFFECTED AREA. IF FLAM
LIQS/VAPS MAY BE PRESENT, TURN OFF ELEC DEVICES/OTHER SOURCES OF
SPKS/FLAMES. WEAR PROT EQUIP. U SE NIOSH APPRVD SUPP-AIR RESP PROT
IF VAP (ING 18)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:MINIMIZE BREATHING BY KEEPING JARS OF
PRODUCT COVERED. STORE PRODUCT BELOW 90F TO ENSURE PRODUCT
VISCOSITY STABILITY.
Other Precautions:EMPTY PROD CONTRS, CONTAM CLTHG & CLEANING MATLS,
ETC, SHOULD BE CONSIDERED HAZ UNTIL DECONTAMINATED/PROPERLY
DISPOSED OF. DO NOT STORE PRODUCT IN AREAS WHERE VAPORS MAY CONTACT
SOURCES OF HEAT, SPARK S OR OPEN FLAME.

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Exposure Controls/Personal Protection
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Respiratory Protection:SELECTION OF SUITABLE RESP WILL DEPEND ON
PROPERTIES OF CONTAMINANT(S) & THEIR ACTUAL/EXPECTED AIR CONC(S)
VERSUS APPLIC LIMITS. CONSULT ANSI STD Z88.2 FOR DECISION LOGIC TO
SELECT APPROP NIOSH APPRVD RESPS; IF RESPS ARE NEEDED TO (ING 21)
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .
Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA .
Work Hygienic Practices:AVOID INGEST BY WASHING HANDS BEFORE EATING,
DRINKING/SMKNG, & RESTRICTING THESE ACTIVITIES TO OUTSIDE WORK (ING
24)

Supplemental Safety and Health
EXPLO HAZ: ALONG FLOOR TO SOURCE OF IGNIT & FLASHBACK. USE PROD IN
AREAS & EQUIP W/APPROP NATIONAL ELEC CODE (NEC) CLASSIFICATION.
CONSIDER NEED FOR SPK-PROOF TOOLS. IF PROD MAY BE HEATED > FLASH
POIN T DURING PROCESSING, REMOVE SOURCES OF IGNIT SUCH AS OPEN
SPKS, FLAMES/STATIC DISCHARGE TO PVNT VAP IGNITION.

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Physical/Chemical Properties
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Vapor Pres:SEE INGS
Solubility in Water:HIGH TO MISCIBLE
Appearance and Odor:COLORLESS LIQUID, AROMATIC ODOR

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES
AVOID CONTACT OXIDIZING AGENTS AND BASES.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: DECOMPOSITION PRODUCTS AT HIGH
TEMPERATURE MAY INCLUDE: CARBON MONOXIDE, CARBON DIOXIDE, WATER.

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

Waste Disposal Methods: COMPONENTS OF THIS PRODUCT MAY BE CONSIDERED
HAZARDOUS; CONSULT APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS
FOR ALLOWABLE DISPOSAL METHODS.

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