

"CENTARI" DRIER SOLUTION, 7585

MSDS Number

BKNQK

National Stock Number

8010-00N015235

Product Name

"CENTARI" DRIER SOLUTION, 7585

Manufacturer

E I DU PONT DE NEMOURS AND CO

Product Identification

Product ID:"CENTARI" DRIER SOLUTION, 7585

MSDS Date:09/14/1988

FSC:8010

NIIN:00N015235

MSDS Number: BKNQK

Responsible Party

E I DU PONT DE NEMOURS & CO

1007 MARKET ST

WILMINGTON , DE 19898

US

Emergency Phone: 800-441-3637

Info Phone: 800-441-7515

Cage: B0589

Contractor

E I DU PONT DE NEMOURS & CO

BRUSSEL, DE 19898

BE

32-(0)15-401.505

Cage: B0589

Ingredients

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

W/RATS HAVE SHOWN THAT PETROLEUM DISTILLATED

RTECS: 9999999ZZ

NOT SEEN IN SIMILAR STUDIES W/GUINEA PIGS, DOGS OR

RTECS: 9999999ZZ

WORKERS HAVE NOT SHOWN A SIGNIFICANT INCR OF KIDNEY

RTECS: 9999999ZZ

CONCS HAVE CAUSED EMBRYOTOXIC EFFECTS IN LAB ANIMALS.

RTECS: 9999999ZZ

INJURY. CAN BE ABSORBED THROUGH SKIN IN HARMFUL

RTECS: 9999999ZZ

NAPHTHENIC ACID, COBALT SALT (COBALT NAPHTHENATE)

CAS: 61789-51-3

RTECS: QK8925000

OSHA PEL0.05 MG/M3 (CO)

ACGIH TLV: 0.05 MG/M3 (CO)

ZIRCONIUM-2-ETHYLHEXANATE SOLN(ZIRCONIUM OCTOATE). OSHA

CAS: 22464-99-9

OSHA PELSEE INGREDIENT NAME

ACGIH TLV: SEE INGREDIENT NAME

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

15 MM HG @

CAS: 64742-89-8

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:MAY CAUSE NOSE/THROAT IRRIT. MAY CAUSE NERVOUS SYS DEPRESS CHARACTERIZED BY FOLLOWING PROGRESSIVE STEPS:HDCH, DIZZ, NAUSEA, STAGGERING GAIT, CONFUSION, UNCON.
REPORTS HAVE ASSOC RPTD/PRLNGD OVER EXPOS TO SOLVS W/PERM BRAIN & NERVOUS SYS DMG. EYE:MAY CAUSE IRRIT/BURNING. SKIN:RPTD/PRLNGD LIQ (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NONE.

Effects of Overexposure:HLTH HAZ:CNTCT MAY CAUSE IRRIT W/DISCOMFORT/DERM. OTHER POTNTL HAZ INCLUDE:COBALT NAPHTHENATE:CNTCT MAY CAUSE SKIN IRRIT W/DISCOMFORT/RASH. BUTYL ACETATE:RECURRENT OVEREXPOS MAY RESULT IN LIVER/KIDNEY INJURY. TESTS FOR EMBRYOTOXIC ACTIVITYIN ANIMALS HAS BEEN INCONCLUSIVE. TOLUENE:RECURRENT OVEREXPOS MAY(SEE SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP, PREFERABLY MOUTH-TO-MOUTH. IF BRTHG DFCLTY PERSISTS/OCCURS LATER, CALL MD. EYE:IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN, CALL MD. SKIN :WASH W/SOAP & WATER. IF IRRIT OCCURS, CALL MD. INGEST:GASTROINTESTINAL DISTRESS. IN UNLIKELY EVENT OF INGESTION, CALL MD IMMEDIATELY & HAVE NAMES OF INGREDIENTS AVAILABLE.

Fire Fighting

Flash Point Method:CC

Flash Point:20.0F,-6.7C

Lower Limits:1%

Upper Limits:7.6%

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT. WATER FROM FOG NOZZLES MAY BE USED TO PREVENT PRESSURE BUILD-UP.

Unusual Fire/Explosion Hazard:WHEN HEATED ABOVE FLASH POINT, EMITS FLAMM VAPORS WHICH, WHEN MIXED W/AIR, CAN BURN/BE EXPLOSIVE. FINE MISTS/SPRAYS MAY BE FLAMM AT TEMPS BELOW FLASH POINT.

Accidental Release

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF IGNITION. PREVENT SKIN CONTACT AND BREATHING OF VAPOR. CONFINE AND REMOVE W/INERT ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS & FLAME. CLOSE CNTNR AFTER EACH USE. GROUND CNTNRS WHEN POURING. DO NOT STORE ABOVE 120F.

Other Precautions:DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING W/O NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

Exposure Controls

Respiratory Protection:DO NOT BREATHE VAPORS/MISTS. WEAR PROPERLY FITTED NIOSH/MSHA APPRVD VAPOR/PARTICULATE RESPIRATOR FOR USE W/PAINTS DURING APPLICATION & UNTIL ALL VAPORS/SPRAY MISTS ARE EXHAUSTED. FOLLOW RESPIRATOR MFR 'S DIRECTIONS FOR RESPIRATOR USE.

Ventilation:SUFFICIENT VENT IN VOL/PATTERN TO KEEP CONTAMINANTS BELOW APPLIC OSHA REQUIREMENTS & OTHER SUGGESTED EXPOS LIMITS.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:COVERALLS. PROTECTIVE CREAMS MAY BE USED FOR EASE OF CLEAN UP. DO NOT USE FOR PROTECTION.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING.

Supplemental Safety and Health

EFTS OF OVEREXP:RESULT IN LIVER/KIDNEY INJURY. HIGH AIRBORNE LEVELS HAVE PRODUCED IRREGULAR HEART BEATS IN ANIMALS & OCCASIONAL

PALPITATIONS IN HUMANS. RATS EXPOSED TO VERY HIGH AIRBORNE LEVELS HAVE EXHIBITED HIGH FREQUENCY HEARING DEFICITS. SIGNIFICANCE OF THIS TO MAN IS UNKNOWN. VM&P NAPHTHA:LAB STUDIES (SEE ING 7)

Chemical Properties

Boiling Pt:B.P. Text:212F,100C
Vapor Pres:SEE INGRED
Vapor Density:HVR/AIR
Evaporation Rate & Reference:SLOWER THAN ETHER.
Solubility in Water:SLIGHT.
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:97.2

Stability

Stability Indicator/Materials to Avoid:YES
NONE REASONABLY FORESEEABLE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CO, CO*2, SMOKE, OXIDES OF HEAVY METALS REPORTED IN INGREDIENTS SECTION.

Disposal

Waste Disposal Methods:DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL I/A/W FEDERAL, STATE AND LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED CONTAINERS.

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