

E.I. DUPONT DE NEMOURS & CO.,INC. -- CENTARI 793S -- 8010-01-157-6925

===== Product Identification =====

Product ID:CENTARI 793S

MSDS Date:01/01/1987

FSC:8010

NIIN:01-157-6925

MSDS Number: BGPJJ

=== Responsible Party ===

Company Name:E.I. DUPONT DE NEMOURS & CO.,INC.

Address:1007 MARKET ST

City:WILMINGTON

State:DE

ZIP:19898

Country:US

CAGE:19898

=== Contractor Identification ===

Company Name:DU PO

NT E I NEMOURS & CO CHEMICALS & PIGMENTS DEPT

Address:1007 MARKET ST

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515

CAGE:23037

Company Name:E.I. DUPONT DE NEMOURS & CO., INC.

Box:1635

CAGE:19898

===== Composition/Information on Ingredients =====

Ingred Name:POLYISOCYANATE \*NOTE: 1(SEE SUPPLEMENTAL DATA)

Fraction by Wt: 70%

ACGIH TLV:UNK

Ingred Name:ETHER ALCOHOL

Fraction by Wt: 6%

ACGIH TLV:UNK

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS525

0000  
Fraction by Wt: 3%  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC ESTER  
Fraction by Wt: 10%  
ACGIH TLV:400PPM

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

Effects of Overexposure:COUGHING,CHEST PAINS, & BREATHING DIFFICULTY  
MAY OCCUR.EARLY SIGNS MAY BE MISTAKEN FOR A COLD.

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

First Aid:INHAL-MOVE TO FRESH AIR TO IMPROVE BREATHING  
.SKIN CONCT-WASH  
W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING.EYE CONTCT-FLUSH  
W/WATER FOR AT LEAST 15 MINUTES, CALL A DR.

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

Flash Point:20-73F CC -7-23  
Lower Limits:.90  
Upper Limits:11.2  
Extinguishing Media:FOAM CO\*2, DRY CHEMICAL  
Fire Fighting Procedures:WATR FRM FOG NOZZ MAY BE USED TO COOL CLOS  
CONTNRS TO PRE(SU  
Unusual Fire/Explosion Hazard:WARNING- VAPOR & SPRAY MISTS ARE HARMFUL.

===== Accident  
al Release Measures =====

Spill Release Procedures:AVOID BREATING VAPS & SPRAY MIST. REMOVE  
IGNITION SOURCES.ABSORB W/INERT MATERIAL. VENTILATE AREA.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT SPARKS & OPEN  
FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE  
120F.GROUND CONTNR WHEN POURING.  
Other Precautions:ALLERGY-PRONE INDIVIDUALS MAY BECOME SENSITIZED &  
SHOULD NOT BE EXPOSED

TO ISOCYANATES. OBSERVE LABEL PRECAUTIONS.

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

Respiratory Protection:USE NIOSH/MSHA TC-19C AIRLN UNIT PREFER OR  
NIOSH/MSHA TC-23C VAP/PAR  
Ventilation:LOC & MECH-PROV SUFFICIENT VENT TO KP BELOW TLV/LEL.  
Protective Gloves:YES  
Eye Protection:SAFETY EYEWEAR  
Other Protective Equipment:USE APPROPRIATE INDUSTRIAL HYGIENE PRACTICES  
Supplemental Safety and Health  
\*NOTE 1-FREE HEXAMETHYLENE DIISOCYANATE-LESS THAN 0.7%: ON STORAGE MAY  
  
RISE TO MAX. OF 1.6%. SPEC. FIRE FIGHT:VENT PRESSURE BUILD-UP. ITEM  
PROCURED UNDER CENTARI 793S

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

Boiling Pt:B.P. Text:168-473  
Vapor Pres:100  
Vapor Density:3.00  
Spec Gravity:1.068  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:MODERATE  
Percent Volatiles by Volume:22

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

Stability Indicator/Materials to Avoid:YES  
NONE REASONABLY FO  
RESEEEABLE  
Hazardous Decomposition Products:CO, CO\*2, SMOKE, NITROGEN, & OXIDES OF  
NITROGEN

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

Waste Disposal Methods:DISPOSAL METHOD MUST COMPLY W/LOC, STATE &  
FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants t

his information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.