

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 P

ONT 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 #:XS52

50000
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 BREATHIN
G.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.

=====
Acciden
tal 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 EXPOSE

D 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 MA
Y

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 F

ORESEEEABLE

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

this 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.