

E. I. DU PONT DE NEMOURS & CO., INC -- STADIS 450 CONDUCTIVITY IMPROVER #1760PC --
6850-01-099-4015

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

Product ID:STADIS 450 CONDUCTIVITY IMPROVER #1760PC

MSDS Date:02/17/1988

FSC:6850

NIIN:01-099-4015

MSDS Number: BGLTB

=== Responsible Party ===

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

Address:1007 MARKET STREET

Box:1635

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:800-441-7515

Emergency Phone Num:800-441-3637 OR 800-424-9300

Preparer's Name:D. C. ZIMMERMAN

CAGE:18897

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:DU PONT 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 N

ame:E. I. DU PONT DE NEMOURS & CO. (INC)
CAGE:18897
Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION
Address:80 FIRST STREET
Box:City:GRETNA
State:LA
ZIP:70053
Country:US
Phone:504-362-3232, OR 800-535-4095
CAGE:27978

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

Ingred Name:MIXED AROMATIC SOLVENTS, C9-17
CAS:68333-88-0
Fraction by Wt: 5-10%

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 50-60%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:5
0 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:POLYAMINO POLYOL
Fraction by Wt: 5-10%

Ingred Name:DODECYLBENZENESULFONIC ACID (SARA III)
CAS:27176-87-0
RTECS #:DB6600000
Fraction by Wt: 5-10%
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NJ TRADE SECRET REGISTRY # 00850201001-5037 P
Fraction by Wt: 10-20%

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Hazards Identification
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LD50 LC50 Mixture:7500MG/KG FOR RATS

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: IRRITATION TO SKIN, EYE.

CHRONIC: NEUROLOGICAL DEPRESSION, REVERSABLE LIVER CHANGES,
INCREASED ADRENALIN, AND BONE MARROW EFFECTS.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINO
GEN.

Effects of Overexposure:REVERSABLE ABNORMAL LIVER FUNCTION, REVERSABLE
ABNORMAL KIDNEY FUNCTION, NERVOUS SYSTEM DEPRESSION, DIZZINESS,
HEADACHE, CONFUSION, IRRITATION TO UPPER RESPIRATORY PASSAGES, EYE
IRRITATION WITH DISCOM FORT, TEARING, BLURRED VISION. HIGHER
EXPOSURES- SAME AS ABOVE ALONG WITH UNCONSCIOUSNESS AND POSSIBLY
DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING DISEASES
OF THE CENTRAL NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM, LIVER,
K
IDNEYS, AND BONE MARROW MAY HAVE INCREASED SUSCEPTIBILITY TO THE
TOXICITY OF EXCESSIVE EXPOSURES.

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First Aid Measures
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First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. IF NOT BREATHING,
GIVE ARTIFICIAL RESPIRATION. EYE: FLUSH WITH PLENTY OF WATER FOR 15
MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND
WATER. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL
ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:40F/4C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.

Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. WEAR
SELF-CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL NEARBY
CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY
OCCUR.VAPOR MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA.

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Accidental Release Measures
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Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN-UP. SOAK UP WITH SAWDUST, SAND, OIL DRU OR OTHER ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP CONTAINERS CLOSED.

===== Exposure Controls/P
ersonal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA IS NOT VENTED.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH.
OTHER EQUIPMENT

AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID CONTACT WITH EYES. AVOID CONTACT WITH SKIN. AVOID CONTAT WITH CLOTHING. WASH THOROUGHLY AFTER HANDLING.

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

HCC:F2

Boiling Pt:=90.C, 194.F

Spec Gravity:.90

Evaporation Rate &

; Reference:>1.0 (BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:AMBER LIQUID, ODOR OF TOLUENE

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SO2

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FED
ERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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