

DU PONT E I DE NEMOURS AND CO INC -- DU001204 DYMEL PRECISION CLEANING AGENT --  
6850-00-984-5853

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

Product ID:DU001204 DYMEL PRECISION CLEANING AGENT

MSDS Date:02/17/1992

FSC:6850

NIIN:00-984-5853

MSDS Number: BNDTH

=== Responsible Party ===

Company Name:DU PONT E I DE NEMOURS AND CO INC

Address:BRANDYWINE BLDG 15305

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num:800-441-7515

Emergency Phone Num:302-774-6822 OR 800-441-3637

Preparer's Name:W.J. BROCK

CAGE:2S827

=== Contractor Identification ===

Company Name:DU PONT FLUOROPRODUCTS

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:1-800-441-7515

CAGE:2S827

Company Name:DUPONT E I DE NEMOURS AND CO INC, POLYMER PRODUCT-TEFLON  
CO.

Address:1007 MARKET ST

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-523-0372/346-4748

CAGE:9V583

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== Composition/Information on Ingredients ==

Ingred Name:DYMEL 113 (1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE) (SARA III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9192

Ozone Depleting Chemical:1

==== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 43,000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and

Chronic:ACUTE-EYE:IRRITATION,DISCOMFORT,TEARING, BLURRING OF

VISION.SKIN:IRRITATION,RASH.INHALATION:MAY CAUSE TEMPORARY NERVOUS SYSTEM DEPRESSION WITH ANESTHETIC EFFECTS.HIGH CONCENTRATIONS OF VAPORS MAY CAUSE IRREGULAR PULSE,PALPITATION,ABNORMAL LIVER FUNCTION OR FATALITY.INGESTION:NOT LIKELY TO BE HAZARDOUS.CHRONIC-NONE.

Explanation of Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY IARC, NTP, OR OSHA.

HA.

Effects of Overexposure:OVEREXPOSURE TO THE VAPORS BY INHALATION MAY CAUSE DIZZINESS,HEADACHE,CONFUSION,INCOORDINATION AND LOSS OF CONSCIOUSNESS. EYE AND SKIN IRRITANT.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING DISEASES OF THE CENTRAL NERVOUS SYSTEM OR CARDIOVASCULAR SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:SEEK MEDICAL ATTENTION.

EYES:FLUSH WITH WATER FOR AT LEAST 15

MINUTES.SKIN:WASH WITH SOAP & WATER.INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS.INGESTION:DO NOT INDUCE VOMITING.CALL A PHYSICIAN.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQ

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FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:DRUMS MAY RUPTURE UNDER FIRE CONDITIONS OR AT ELEVATED TEMPERATURES. DECOMPOSITION MAY OCCUR.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. DO NOT FLUSH TO SEWERS. USE SELF-CONTAINED BREATHING APPARATUS FOR LARGE SPILLS OR RELEASES. DIKE SPILLS. PICK UP LIQUID ON SUITABLE ABSORBENT AND STORE IN SEALED CONTAINERS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A CLEAN, DRY AREA. DO NOT HEAT ABOVE 125 DEG F.

Other Precautions:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

Respiratory Protection:UNDER NORMAL MANUFACTURING CONDITIONS, NO RESPIRATORY PROTECTION IS NEEDED. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED IF A LARGE SPILL OCCURS.

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Ventilation:NORMAL VENT USUALLY SUFFICIENT. LOCAL EXHAUST WHEN LARGE AMOUNT ARE RELEASED. FOR LOW PLACES, USE MECHANICAL VENTILATION

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Work Hygienic Practices:AVOID BREATHING VAPORS. AVOID PROLONGED SKIN EXPOSURE. AVOID EYE CONTACT. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health NONE

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

HCC:N1

Boiling Pt:B.P. Text:118F,48C

Decomp Temp:Decomp Text:>1202F,>650

Vapor Pres:6.46 PSIA

Vapor Density:2.9

Spec Gravity:1.57

pH:NEUTRA

Evaporation Rate & Reference:>1 (CARBON TETRACHLOR=1)

Solubility in Water:0.02 %

Appearance and Odor:CLEAR, COLORLESS LIQUID, SLIGHT ETHEREAL ODOR

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoi

d:YES  
ALKALI OR ALKALINE EARTH METALS (POWDERED AL, ZN, BE, ETC.)  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES  
Hazardous Decomposition Products:MAY DECOMPOSE TO HYDROCHLORIC AND  
HYDROFLUORIC ACIDS & POSSIBLY CARBONYL HALIDES AT ELEVATED TEMP OR  
WITH OPEN FLAME.

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL  
REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY  
RECLAIM BY DIS  
TILLATION OR REMOVE TO A PERMITTED WASTE DISPOSAL  
FACILITY.

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