

E.I. DUPONT DE NEMOURS & COMPANY, INC -- CHLOROFORM -- 6810-00-264-6609

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Product Identification
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Product ID:CHLOROFORM

MSDS Date:01/01/1987

FSC:6810

NIIN:00-264-6609

MSDS Number: BDQSH

=== Responsible Party ===

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

Address:1007 MARKET STREET

Box:1635

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:302-999-2161 OR 800-441-7575

Em

ergency Phone Num:800-441-3637 OR 800-345-9999

CAGE:19898

=== Contractor Identification ===

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

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

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

Box:1635

CAGE:19898

Company Name:MMM SUPPLY INC

Address:1734 HAYES AVE

Box:City:LONG BEACH

State:CA

ZIP:90813-1145

Country:US

Phone:213-590-8633

CAGE:7X274

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Composition/Information on

Ingredients =====

Ingred Name:CHLOROFORM (SARA III)

CAS:67-66-3

RTECS #:FS9100000

Fraction by Wt: 100%

OSHA PEL:(C) 50 PPM

ACGIH TLV:10 PPM; A2; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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

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

Explanation of Carcinogenicity:CHLOROFORM IS SUSPECTED BY NTP AND IARC TO BE CARCINOGENIC.

Effects of Overexposure:SKIN:IRRITATS BY DEFAT.INHALED,INGESTED: DIZINESS,U

NCONS,EQUILIBRIUM LOSS,IRRITATS,LIVER DAMAGE.

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

First Aid:SKIN:WASH W.SOAP & H2O EYES:FLUSH W. H2O. INGESTED:GIVE 2 GLASSES H2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CL OTHING. IF UNCONS DO NOT TAKE ANYTHING BY MOUTH.

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

Extinguishing Media:NONFLAMMABLE AND NON EXPLOSIVE IN AIR.

Fire Fighting Procedures:FIREMAN SHOUL WEAR RESPIR PROTECTION(SCBA)

Unusual Fire/Explosion Hazard:NONFLAMMABLE.IN PRESENCE OF STRONG ALKALI AND WATER,CHLOROFORM MAY BECOME VIOLENTLY EXPLOSIVE.

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

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS. ELIM IGNITION SOURCES. STOP LEAK. H2O SPRAY COOL CONT/DIVERT SPILL FROM FIRE/HEAT. PROVIDE VENTILATION. ABSORB W COMMERCIAL ABSORBENT,SHOVEL INTO ME

TAL DRUMS: LG SPILL:DI KE W COMMERCIAL
ABSORBENT,PUMP INTO COVERED DRUMS

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Handling and Storage
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Handling and Storage Precautions:DO NOT STORE IN ALUMINUM CANS.KEEP
BUNG TIGHTLY CLOSED.STORE IN COOL,DRY PLACE.KEEP CONTAINER CLOSED.
Other Precautions:REMOVE CONTAMINATED CLOTHING PROMPTLY.FLUSH AFFECTED
AREA WITH WATER.DRY OR WASH CLOTHING BEFORE REUSE.

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Exposure Controls/Personal Protection
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Respiratory Protec
tion:NO SPECIAL REQMENTS UNDER ORDINARY CONDITIONS/
ADEQUATE VENT.
Ventilation:LOCAL EXHAUST FOR ADEQUAT VENT.MECH(TO OUTSIDE VIA
SCRUBBER)
Protective Gloves:NEOPRENE
Eye Protection:CHEM SPLASH GOGGLES
Other Protective Equipment:NEOPRENE CLOTHING,SAFETY SHOES TO AVOID
CHLOROFORM SPLASHES.
Supplemental Safety and Health
STORAGE CODE T4 RATHER THAN T1 BECAUSE ITEM IS NOT A KNOWN
CARCINAGEN,BUT IS SUSPECTED(ACGIH-1983-84).

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Physical/Chemical Properties
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HCC:T3
Boiling Pt:B.P. Text:142F,61C
Vapor Pres:160
Vapor Density:4.13
Spec Gravity:1.5
Evaporation Rate & Reference:< 1 (ETHER = 1)
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS LIQUID WITH PLEASANT, SWEET ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
WATER,AIR,SUNLIGHT CAN CAUSE SLOW OXIDATION TO PHOSGENE.
Stability Condition to Avoid:EXCESS WATER,FLAME,HOT SURFACES MAY
PRODUCE TOXIC GASES.

Ha

ardous Decomposition Products:PHOSGENE,HYDROGEN CHLORIDE.

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

Waste Disposal Methods:ABSORB WITH VERMICULITE,OTHER COMMERCIAL
ABSORBENT.KEEP IN COVERED DRUMS PENDING DISPOSAL.HANDLE AND DISPOSE
IAW LOCAL,STATE AND FEDERAL REQUATIONS.

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