

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

E

mergency 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,  
UNCONS,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 NO  
NEXPLOSIVE 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 M

ETAL 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 Protection: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.

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azardous 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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