

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

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

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

===== 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

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

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.

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

Respiratory Protec
tion:NO SPECIAL REQMNTS 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).

===== 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.

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

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

zardous 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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