

J AND M LABORATORIES -- CHLOROTHENE SM SOLVENT -- 6810-00-476-5613

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Product Identification
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Product ID:CHLOROTHENE SM SOLVENT

MSDS Date:12/19/1995

FSC:6810

NIIN:00-476-5613

MSDS Number: BZBCC

=== Responsible Party ===

Company Name:J AND M LABORATORIES

Address:1717 ROWAN

City:LOUISVILLE

State:KY

ZIP:40203

Country:US

Info Phone Num:502-585-3176/FAX502-585-3216

Emergency Phone Num:502-58

5-3176

CAGE:01VT9

=== Contractor Identification ===

Company Name:J AND M LABORATORIES, INC.

Address:1717 ROWAN ST

Box:City:LOUISEVILLE

State:KY

ZIP:40203

Country:US

Phone:800-473-6173/502-585-3176

CAGE:01VT9

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Composition/Information on Ingredients
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Ingred Name:1,1,1-TRICHLOROETHANE (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 96.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:350 PPM;STEL 450 PPM

ACGIH TLV:350 PPM;STEL 450 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt

Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:DIETHYLENE ETHER (1,4-DIOXANE) (SARA III)
CAS:123-91-1
RTECS #:JG8225000
Fraction by Wt: 2.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM (SKIN)
ACGIH TLV:25 PPM (SKIN)
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:1,2-BUTYLENE OXIDE
CAS:106-88-7
RTECS #:EK3675000
Fraction by Wt: 0.47%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:STEL 2 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:NITROMETHANE
CAS:75-52-5
RTECS #:PA9800000
Fra
ction by Wt: 0.34%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

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

LD50 LC50 Mixture:LD50 ORAL, RAT: >10,000 MG/KG;
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: PAIN. SLIGHT TRANSIENT IRRITATION
WITH SLIGHT TRANSIENT CORNEAL INJURY. IRRITATION. SKIN: PROLONGED
OR REPEATED MAY CAUSE IRRITATION, DR
YING, FLAKING. INGESTION:
ASPIRATED PRODUCT MAY RESULT IN I NJURY TO OTHER BODY SYSTEMS.
INHALATION: HIGH CONCENTRATIONS (10000): UNCONSCIOUSNESS, DEATH.
CARDIAC ARTHYTHMIAS.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYE PAIN, TRANSIEN IRRITATION, SKIN IRRITATION,
DRYING, FLAKING, CHEMICAL PNEUMONIA, UNCONSCIOUSNESS, CARDIAC
ARTHYTHMIAS,

DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:NONE
Lower Limits:7.5
Upper Limits:12.5
Extinguishing Media:WATER FOG
Fire Fighting Procedures:WEAR POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:VAPORS OF THIS SOLVENT MAY DEVELOP & FLAMMABLE ATMOSPHERE IN CONFINED OR POORLY-VENTILATED AREAS.

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

Spill Release Procedures:MINIMIZE AREA EFFECTED BY SPILL. BLOCK ANY POTENTIAL ROUTES TO WATER SYSTEMS. NOTIFY PROPER AUTHORITIES. USE ABSORBENT TO RECOVER SPILLED MATERIAL. KEEP OUT OF WATER SUPPLIES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:HANDLE W/REASONABLE CARE. AVOID BREATHING VAPORS. STORE IN COOL, DRY PLACE. CONCENTRATED VAPORS HEAVIER THAN AIR, MAY COLLECT IN LOW/CONFINED AREAS.
Other Precautions:DON'T ENTER LOW OR CONFINED AREA WITHOUT SPECIAL BREATHING APPARATUS & OBSERVER PRESENT. DON'T PACKAGE IN ALUMINUM AEROSOL CAN W/FINELY DIVIDED ALUMINUM OR ALLOY IN AEROSOL CAN. ALUMINUM NOT ACCEPTABLE MAT'L FOR PUMPS, MIXERS, FITTINGS.

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

Respiratory Protection:MAINTAIN ATMOSPHERIC LEVELS TLV/PEL,USE POSITIVE PRESSURE SCBA. IN CONFINED/POORLY VENTED AREA,USE POSITIVE P

RESSURE SCBA.
Ventilation:CONTROL AIRBORNE CONCENTRATION