

UNIVAR CORP VAN WATERS AND ROGERS INC -- METHYL CHLOROFORM,LOW STABILIZED --
6810-00-476-5613

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

Product ID:METHYL CHLOROFORM,LOW STABILIZED

MSDS Date:04/19/1991

FSC:6810

NIIN:00-476-5613

MSDS Number: BRCBG

=== Responsible Party ===

Company Name:UNIVAR CORP VAN WATERS AND ROGERS INC

Address:1600 NORTON BLDG 801 2ND AVE

City:SEATTLE

State:WA

ZIP:98104-4564

Country:U

S

Info Phone Num:206-889-3400

Emergency Phone Num:206-889-3400

CAGE:GO055

=== Contractor Identification ===

Company Name:UNIVAR CORP VAN WATERS/ROGERS INC

Address:1600 NORTON BLDG 801 2ND AVE

City:SEATTLE

State:WA

ZIP:98104-1564

Country:US

Phone:206 447-5911

CAGE:GO055

Company Name:VAN WATERS AND ROGERS INC., UNIVAR CORP.

Address:1600 NORTON BLDG. 801 2ND AVENUE

Box:City:SEATTLE

State:WA

ZIP:98104-1564

Country:US

Phone:206-447-5911/800-424-9300(CHEMTREC)

CAGE:87664

===== Composition/In

formation on Ingredients =====

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (CHLOROTHENE NU),
AEROTHANE TT, CHLOROTHENE

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 99.9%

Other REC Limits:450 PPM STEL

OSHA PEL:350 PPM

ACGIH TLV:1910 MG/CUM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:ORAL LD50 (RATS): >10,000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ing

estion:YES

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

Health Hazards Acute and Chronic:EYES: SLIGHT IRRITATION & CORNEAL

INJURY. SKIN: IRRITATION, DRYING & FLAKING. INGESTION: ASPIRATION

W/RAPID ASPIRATION INTO LUNGS. INHALATION: DIZZINESS, DRUNKENNESS,

UNCONSCIOUSNESS, CARDIAC ARRHYTHM IAS (IRREGULAR HEARTBEATS), &

DEATH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: READILY ABSORBED THROUGH THE LUNGS,

RESULTING IN INJURY TO OTHER BODY SYS

TEMS.

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

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 5 MINS. SKIN: WASH OFF

W/WATER OR SHOWER. INGESTION: DON'T INDUCE VOMITING. INHALATION:

REMOVE TO FRESH AIR. IF BREATHING STOPS, GIVE MOUTH-TO-MOUTH

RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. NOTE TO

PHYSICIAN: ASPIRATION MAY CAUSE SYSTEMIC EFFECTS, DECISION WHETHER

TO INDUCE VOMITING SHOULD BE MADE BY ATTENDING PHYSICIAN. SEE SUPP.

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

Flash Point Method:TOC

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 MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS. DON'T CUT/WELD CONTAINER DUE TO EXPLOSION HAZARD. AUTOIGNITION TEMPERATURE: 998F.

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

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Spill Release Procedures:MOP/WIPE UP SMALL LEAKS OR SOAK UP IMMEDIATELY. REMOVE TO OUT-OF-DOORS. EVACUATE AREA IF LARGE SPILL OCCURS. CONTAIN LIQUID, TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLY.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. HANDLE W/REASONABLE CARE. USE ONLY W/ADEQUATE VENTILATION.

Other Precautions:CONCENTRATED VAPORS OF METHYL CHLOROFORM, LOW STABILIZED

- ARE HEAVIER THAN AIR & WILL COLLECT IN LOW AREAS SUCH AS PITS, DEGREASERS, STORAGE TANKS & OTHER CONFINED AREAS. DON'T ENTER THESE AREAS UNLES S WEARING PROPER PROTECTIVE EQUIPMENT.

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

Respiratory Protection:USE APPROVED AIR-PURIFYING RESPIRATOR WHEN ATMOSPHERIC LEVELS/TLV ARE EXCEEDED. IN CONFINED/POORLY VENTILATED AREAS, USE APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL E

XHAUST TO CONTROL AIRBORNE CONCENTRATIONS BELOW EXPOSURE GUIDELINES

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES, CHEMICAL GOGGLES

Other Protective Equipment:BODY-COVERING CLOTHING, BOOTS, APRON, FULL BODY SUIT

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

FIRST AID (CONT'D): IF LAVAGE IS PERFORMED, SUGGEST ENDOTRACHEAL &/OR ESOPHAGEAL CONTROL. DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICIT

Y WHEN CONSIDERING EMPTYING THE STOMACH. DON'T ADMINISTER SYMPATHOMIMETIC DRUGS UNLESS ABSOLUTELY NECESSARY. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE.

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

Boiling Pt:B.P. Text:165F
Vapor Pres:100
Vapor Density:4.55
Spec Gravity:1.330-1.335
Solubility in Water:0.07 G/100 G
Appearance and Odor:COLORLESS LIQUID W/IRRITATING ODOR AT HIGH CONCENTRATIONS

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

Stability Indicator/Materials to Avoid:YES
WATER, ALUMINUM & ITS ALLOYS, METALLIC ALUMINUM & ZINC POWDERS
Stability Condition to Avoid:OPEN FLAMES, WELDING ARCS, HIGH TEMPERATURES
Hazardous Decomposition Products:HYDROGEN CHLORIDE, SMALL AMOUNTS OF PHOSGENE & CHLORINE, HYDROCHLORIC ACID, SLOW HYDROLYSIS PRODUCES CORROSIVE ACID

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

Waste Disposal Methods:SEND UNUSED CONTENTS TO LICENSED RECLAIMER OR PERMITTED INCINERATORS IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS. DON'T DUMP INTO SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER.

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