

EMERALD CITY CHEMICAL INC -- METHYL CHLOROFORM -- 6810-00-476-5613

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Product Identification
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Product ID:METHYL CHLOROFORM

MSDS Date:01/04/1986

FSC:6810

NIIN:00-476-5613

MSDS Number: BQDKQ

=== Responsible Party ===

Company Name:EMERALD CITY CHEMICAL INC

Address:1409 E MADISON

City:SEATTLE

State:WA

ZIP:98122

Country:US

CAGE:4J479

=== Contractor Identification ===

Company Name:EMERALD CITY

CHEMICAL INC/DBA ECCI SCIENTIFIC

Address:2300 SW SPOKANE ST

Box:City:SEATTLE

State:WA

ZIP:98106

Country:US

Phone:206-932-5511

CAGE:4J479

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

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

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==== Hazards Identification =====

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

Health Hazards Acute and Chronic:EYES-CAN CAUSE SEVERE IRRITATION.

SKIN-PROLONGED OR REPEATED CONTACT CAN ACUSE MODERATE IRRITATION.
BREATHING-EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL &
RESPIRATORY IRRITATION. SWALLOWING-CAN CA USE GASTROINTESTINAL
IRRITATION.

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-CAN CAUSE REDNESS, TEARING, BLURRED VISION.
SKIN-CAN CAUSE DEFATTING, DERMATITIS. BREATHING-CAN CAUSE
DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE
UNCONSCIOUSNESS AND EVEN ASPHYXIZTION . SWALLOWING-CAN CAUSE
NAUSEA, VOMITING, DIARRHEA.

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

First Aid:SKIN-THOROUGHLY WASH EXPOSED AREA WITH SOAP & WATER. REMOVE
CONTAMINATED

CLOTHING. EYES-FLUSH WITH LARGE AMOUNTS OF WATER, GET
MEDICAL ATTENTION. SWALLOWED-DO NOT INDUCE VOMITING. CALL A
PHYSICIAN OR TRANSPORT TO EMERGENCY FACILITY. BRAETHED-REMOVE
INDIVIDUAL TO FRESH AIR. IF BREATHING IS HARD, GIVE OXYGEN. IF
BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP WARM, QUIET
& GET MEDICAL ATTEN.

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

Flash Point:NONE

Lower Limits:8

Extinguishing Media:WATER FOG.

Fire Fighting Pro

cedures:WATER MAY BE USED TO KEEP FIRE-EXPOSED

CONTAINERS COOL UNTIL FIRE IS OUT. SELF-CONTAINED BREATHING
APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND.

Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR
NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN
IGNITE EXPLOSIVELY.

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

Spill Release Procedures:ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR
ABSORBENT OR OTHER A

BSORBENT MATERIAL AND TRANSFER TO HOOD.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERAIL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUE, ALL HAZARD PRECAUTIONS MUST BE OBSERVED.

Other Precautions:OVEREXPOSURE TO MATERIAL HAS APPARENTLY BEEN FOUND TO CAUSE THE LIVER ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE IN LAB ANIMALS. OVEREXPOSURE TO MATERIAL HAS BEEN SUGGESTED TO CAUSE

CARDIAC & LIVER ABNORMALITIES, KIDNEY & LUNG DAMAGE.

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

Respiratory Protection:IF TLV OF THE PRODUCT IS EXCEEDED, A NIOSH/MSHS APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:LOCAL EXHAUST: YES, IF NECESSARY. MECHANICAL(GENERAL): YES.

Protective Gloves:POLYVINYL ALCOHOL OR POLYETHYLENE GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:TO

PREVENT REPEATED OR PROLONGED SKIN

CONTACT WEAR IMPERVIOUS CLOTHING AND BOOTS. EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Supplemental Safety and Health

NONE

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

HCC:N1

Boiling Pt:B.P. Text:165F,74C

Vapor Pres:100 MMHG

Vapor Density:4.5

Spec Gravity:1.306

Evaporation Rate & Reference:2.60

Solubility in Water:INSOLU

BLE IN WATER.

Appearance and Odor:LIQUID, NONFLAMMABLE.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG ALKALIES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS, CARBON

DIOXIDE & CARBON MONOXIDE, HYDROGEN CHLORIDE, VARIOUS HYDROCARBONS, ETC.

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

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Waste Disposal Methods:ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD.
ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT
WORK. DESTROY REMAINING MATERIAL BY BURNING IN AN IRON PAN.

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