

TRIKORIUM CORP -- 1,1,1-TRICHLORETHANE -- 6810-00-664-0387

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

Product ID:1,1,1-TRICHLORETHANE

MSDS Date:01/06/1993

FSC:6810

NIIN:00-664-0387

MSDS Number: BPQTX

=== Responsible Party ===

Company Name:TRIKORIUM CORP

Address:11865 S ALAMEDA ST

City:LYNWOOD

State:CA

ZIP:90262-4022

Country:US

Info Phone Num:213-563-6508

Emergency Phone Num:213-563-6508

Preparer's Name:D

OD/HMIS (DGSC-SSH)

CAGE:59998

=== Contractor Identification ===

Company Name:TRIKORIUM CORP

Address:11865 S ALAMEDA ST

Box:City:LYNWOOD

State:CA

ZIP:90262-4022

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Phone:213-563-6508

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===== Composition/Information on Ingredients =====

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 100%

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depletin

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

LD50 LC50 Mixture:ORAL LD50 (RAT) = 10300 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: EYES- SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. SKIN- MODERATE IRRITATION, DEFATTING, DERMATITIS. INHALE- NASAL AND RESPIRATORY IRRITATION, CNS EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE. INGE

ST-

NAUSEA, VOMITING,DIARRHEA. CHRONIC: CARDIAC, LIVER, KIDNEY ABNORMALITIES.

Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY NTP, IARC OR OSHA

Effects of Overexposure:INCOORDINATION AND IMPAIRED JUDGMENT MAY OCCUR AT VAPOR EXPOSURES FROM 500-1000 PPM. DIZZINESS, DROWSINESS, AND GENERAL ANESTHETIC EFFECTS MAY OCCUR IN RANGES OF 1000 PPM AND HIGHER.

Medical Cond Aggravated by Exposure:INCREASED SENSITIVITY TO ADRENALIN MAY BE CAUSED BY OVER EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL AT TENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER PROMPTLY. INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR USP MINERAL OIL. GET IMMEDIATE MEDICAL ATTENTION.

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

Lower Limits:7.5

Extinguishing Media:WATER FOG

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

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

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

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Spill Release Procedures:SMALL SPILL: WIPE UP WITH RAGS OR TOWELS.  
LARGE SPILLS: WEAR NIOSH APPROVED RESPIRATOR. VENTILATE AREA. DIKE TO RETAIN FLUID. PUMP UP FREE LIQUID. RESIDUE WILL EVAPORATE QUICKLY. DO NOT FLUSH TO SEWER OR WATERWAY.  
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED LOCATION, AWAY FROM ANY AREA WHERE THE FIRE HAZARD MAY BE ACUTE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.  
Other Precautions:DO NOT USE WITH ALUMINUM. READ AND FOLLOW DIRECTIONS ON LABEL. DO NOT REUSE CONTAINERS.

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

Respiratory Protection:IN HIGH VAPOR AREA, USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE. USE SELF-CONTAINED BREATHING APPARATUS IF VAPOR LEVELS EXCEED 1000 PPM.  
Ventilation:LOCAL EXHAUST RECOMMENDED TO CONTROL VAPORS BELOW 50% OF TLV.  
Protective  
Gloves:NEOPRENE, PVA GLOVES RECOMMENDED.  
Eye Protection:USE CHEMICAL SAFETY GOGGLES.  
Other Protective Equipment:APRON AND WORK CLOTHING TO MINIMIZE EXPOSURE. EYE WASH STATION & SAFETY SHOWER RECOMMENDED.  
Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR USING TOILET FACILITIES. DO NOT BREATH VAPORS OR MIST.  
Supplemental Safety and Health  
TARGET ORGANS ARE SKIN, CNS, CVS, AND EYES \*\*NOTE\*\* MSDS COPIED FROM A GOOD MSDS FROM ANOTHER COMPANY. TRIKORIUM CO  
ULD NOT BE REACHED BY  
TELEPHONE AND IS ASSUMED TO BE OUT OF BUSINESS.

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

HCC:T4  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:162F,72C  
Vapor Pres:100  
Vapor Density:4.5  
Spec Gravity:1.3  
Evaporation Rate & Reference:2.6 (ETHYL ETHER=1)  
Solubility in Water:0.07G/100G  
Appearance and Odor:CLEAR, APHA COLOR 15 MAX, LIQUID, HOMOGEIOUS SOLUTION  
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =

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Stability Indicator/Materials to Avoid: YES

WATER, REACTIVE METALS SUCH AS ALUMINUM AND MAGNESIUM.

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: WHEN INVOLVED IN FIRE,

1,1,1-TRICHLOROETHANE EMITS HIGHLY TOXIC AND IRRITATING HYDROGEN  
CHLORIDE AND PHOSGENE FUMES.

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

Waste Disposal Methods: DISPOSE OF I/A/W FEDERAL, STATE & LOCAL  
REGULATIONS

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