View NSN Online: https://aerobasegroup.com/nsn/6810-00-551-1487

UNION OIL CO OF CALIFORNIA, CORP. DIV-EASTERN -- 1,1,1-TRICHLOROETHANE,15620 6810-00-551-1487 Product ID:1,1,1-TRICHLOROETHANE,15620 MSDS Date:12/01/1989 FSC:6810 NIIN:00-551-1487 MSDS Number: BVTXR === Responsible Party === Company Name: UNION OIL CO OF CALIFORNIA, CORP. DIV-EASTERN Address:1345 NORTH MEACHAM ROAD City:SCHAUMBURG State:IL ZIP:60196 Country:US Info Phone Num:800-356-3129 Emergency Phone Num:202-483-7616/800-424-9300(CHEMTREC) CAGE:77416 === Contractor Identification === Company Name: UNION OIL CO OF CALIFORNIA, CORP. DIV-EASTERN Address:1650 EAST GOLF ROAD Box:City:SCHAUMBURG State:IL ZIP:60195 Country:US Phone:708-619-2644 CAGE:77416 Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROEHANE) (SARA III) CAS:71-55-6 RTECS #:KJ2975000 Fraction by Wt: 94 - 98% Other REC Li mits:NONE RECOMMENDED OSHA PEL:350 PPM ACGIH TLV:350 PPM/450STEL;9394 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS **Ozone Depleting Chemical:1** Ingred Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III) CAS:123-91-1 RTECS #: JG8225000 Fraction by Wt: 0 - 4% Other REC Limits:NONE RECOMMENDED OSHA PEL:S, 100 PPM ACGIH TLV:S, 25 PPM; 9394 EPA Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

LD50 LC50 Mixture: TLV FOR ME CHLOROFORM IS 350 PPM.

of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: TARGET ORGANS: EYE, SKIN, LUNG, CNS. ACUTE- INHALATION OF HIGH CONCENTRATIONS OF VAPORS MAY CAUSE CNS DEPRESSION & LUNG DISORDERS. MAY CAUSE EYE & SKIN IRRITATION. IF INGESTED IN EXCESSIVE QUANTITIES, MAY CAUSE GI DISTURBANCES & CNS DEPRESSION. CHRONIC- BURNING & DRYING OF SKIN, LUNG DISORDERS, (LIVER DAMAGE IN ANIMALS) Explanation of Carcino genicity:NONE Effects of Overexposure:STINGING, TEARING, REDNESS OF EYES; HEADACHE, DROWSINESS, DIZZINESS, LOSS OF COORDINATION, CARDIAC ARRHYTHMIAS, IRRITATION TO EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS; DRYING, CRACKING, BUR NING AND REDNESS OF SKIN; BRAIN AND **CNSDAMAGE**; FATIGUE Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER, HEART OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:ASPIR ATION HAZARD. DO NOT INDUCE VOMITING ORGIVE ANYTHING BY MOUTH. DO NOT LEAVE VICTIM UNATTENDED. SEEK MEDICAL ATTENTION IMMEDIATELY.

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

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Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE, WATER SPRAY, HALON, FOAM, DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CONCENTRATED VAPORS CAN BE IGNITED BY HIGH INTENSITY HEAT SOURCE OR FLAME. TOXIC AND CORROSIVE GASES ARE

## FORMED ON CONTACT WITH FLAMES OR HOT GLOWING SURFACES.

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. REMOVE OPEN FLAMES. DIKE TO CONTAIN SPILL. PICK UP WITH ABSORBENT MATERIAL SUCH AS SAND OR VERMICULITE. SWEEP INTO APPROVED CONTAINERS FOR DISPOSAL. AVOID C ONTAMINATING ENVIRONMENTS. DO NOT FLUSHTO SEWERS.

Neutralizing Agent:NOT RELEVANT

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

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Handling and Storage Precautions:STORE IN CLOSED CONTAINERS, IN VENTILATED AREA AWAY FROM OPEN FLAMES, RED HOT SURFACES, HIGH INTENSITY ULTRA VIOLET LIGHT AND INCOMPATIBLE MATERIALS.
Other Precautions:KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES AND SKIN.
VAPORS HEAVIER THAN AIR AND WILL COOLECT IN LOW AREAS. DO NOT ENTER SUCH AREAS UNLESS SPECIAL BREATHING APPARATUS IS USED.

Respiratory Protection: IF TLV IS EXCEEDED OR IN EVENT OF A SPILL, WEAR NIOSH APPROVED SUPPLIED AIR RESPIRATOR. USE SELF-CONTAINED BREATHING APPARATUS OPERATD IN PRESSURE DEMAND MODE FOR WORK PERFORMED IN CONFINED PLACES. RE FER TO 29CFR 1910.134.

Ventilation: USE LOCAL EXHAUST OR DILUTION VENTILATION AS APPROPRIATE TO CONTROL EXPOSURE TO BELOW PERMISSIBLE LIMITS.

Protective Gloves:NITRILES, PVA

Eye Protection: SPLASH PROOF GOGGLES WH

EN HANDLING LIQ.

Other Protective Equipment:BOOTS, APRON OR CHEMICAL SUITS TO MINIMIZE EXPOSURE. EYE WASH STATION & SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING OR USING TOILET FACILITIES. DO NOT WEAR CONTACT LENSES. Supplemental Safety and Health

NOTE TO PHYSICIAN: INHALATION OF HIGH CONCENTRATIONS OF 1,1,1-TRICHLOROETHANE FOR A SHORT PERIOD OF TIME CAN INDUCE CARDIAC MUSCLE SENSITIZATION TO CIRCULATING CATECHOLAMINES RE

## SULTING IN

POTENTIALLY F ATAL HEART ARRHYTHMIAS. DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS. DO NOT ALLOW SUCH PERSON EXERCISES VIGOROUSLY FOR 24 H

HCC:T4 NRC/State Lic Num:NOT RELEVANT Boiling Pt:B.P. Text:160F - 190F Vapor Pres:134 @ 68F Vapor Density:4.6 Spec Gravity:1.290 Evaporation Rate & amp; Reference:6.0 (N-BUTYL ACETATE=1) Solubility in Water: