FIRE AND EXPLOSION HAZARD:
SLIGHT EXPLOSION HAZARD WHEN EXPOSED TO HEAT OR FLAME.
UPPER EXPLOSIVE LIMIT: 23%  LOWER EXPLOSIVE LIMIT: 13%.

AUTOIGNITION TEMP: 1033 F (556 C).

FIREFIGHTING MEDIA:
DRY CHEMICAL OR CARBON DIOXIDE
(1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5).

FOR LARGER FIRES, USE WATER SPRAY, FOAM OR ROUGH FOAM
(1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5).

FIREFIGHTING:
APPLY WATER AT A SLOW RATE TO SLOPES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM ENDS OF TANKS, ISOLATE FOR 1/2 MILE IN ALL DIRECTIONS IF TANK, RAIL CAR OR TANKER IS ON FIRE.

EXTINGUISH USING AGENTS SUITABLE FOR SURROUNDING FIRE. USE FLOODING QUANTITIES OF泡沫 agents. KEEP CONTAINERS AT A DISTANCE AS POSSIBLE. AVOID BREATHING HAZARDOUS VAPORS. KEEP UNWIND.

DEPARTMENT OF TRANSPORTATION HAZARD CLASSIFICATION 49 CFR 172.101:
DRM-A

DEPARTMENT OF TRANSPORTATION LABELING REQUIREMENTS 49 CFR 172.101 AND SUBPART E:
NONE

DEPARTMENT OF TRANSPORTATION PACKAGING REQUIREMENTS 49 CFR 173.605:
EXCEPTIONS 49 CFR 173.505:

FINAL RULE ON HAZARDOUS MATERIALS REGULATIONS (HMR, 49 CFR PARTS 171-180).
EFFECTIVE DATE OCTOBER 1, 1991. HOWEVER, COMPLIANCE WITH THE REGULATIONS IS AUTHORIZED ON AND AFTER JANUARY 1, 1991 (55 FR 52402, 12/21/90)

EXCEPT FOR EXPLOSIVES, INHALATION HAZARDS, AND INFLAMMABLE SUBSTANCES, THE EFFECTIVE DATE FOR HAZARD COMMUNICATION REQUIREMENTS IS EXTENDED TO OCTOBER 1, 1993. (56 FR 47158, 09/18/91)

U.S. DEPARTMENT OF TRANSPORTATION SHIPPING NAME ID NUMBER, 49 CFR 172.101:
49 CFR 172.101:

U.S. DEPARTMENT OF TRANSPORTATION HAZARD CLASS OR DIVISION, 49 CFR 172.101:

6.1 - POISONOUS MATERIALS

U.S. DEPARTMENT OF TRANSPORTATION PACKAGING GROUP, 49 CFR 172.101:

U.S. DEPARTMENT OF TRANSPORTATION LABELING REQUIREMENTS, 49 CFR 172.101 AND SUBPART E:
KEEP AWAY FROM FOOD

U.S. DEPARTMENT OF TRANSPORTATION PACKAGING AUTHORIZATIONS EXCEPTIONS 49 CFR 173.153:
NON-BULK PACKAGING 49 CFR 173.203
BULK PACKAGING 49 CFR 173.241

U.S. DEPARTMENT OF TRANSPORTATION QUANTITY LIMITATIONS 49 CFR 172.101:
PASSenger AIRCRAFT OR RAILCAR 60 L
CARGO AIRCRAFT ONLY 220 L

TOXICITY

Dichloromethane (METHYLENE CHLORIDE)
IRRITATION DATA: 182 MG EYE-RABBIT MILD, 10 MG EYE-RABBIT MILD, 81.9 MG/24 HOURS SKIN-RABBIT MILD, 100 MG/24 HOURS SKIN-RABBIT MILD, 60 MG/24 HOURS SKIN-RABBIT SEVERE.

INCREASED THE INCIDENCE OF BENIGN AND MALIGNANT LUNG AND LIVER TUMORS IN MICE OF EACH SEX AND THE INCIDENCE MULTICYPY DRUG TREATMENT OF BENIGN TUMORS IN EACH OF SAME SEX, IN MALE RATS, AN INCREASED INCIDENCE OF SARCOMAS LOCATED IN THE NECK WAS ALSO OBSERVED.

LOCATED EFFECTS: IRITATION, HEMORRHAGE, SKIN, EYES.

ACUTE TOXICITY: MODERATELY TOXIC BY INHALATION AND INTESTINAL.

TREATMENT: CENTRAL NERVOUS SYSTEM DEPRESSANT; CHEMICAL INHIBITORS TOXICITY. FATTY ACIDS, CAUSES SKIN DERMATITIS DUE TO DEFATTING ACTION OF LIQUID ON SKIN.

FIRST AID: REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH AFFECTED AREAS WITH SOAP OR MILD DETERGENT AND LARGE AMOUNTS OF WATER. IF AFFECTED PERSON IS CONSCIOUS, INHALE PURE OXYGEN SHOULD BE CONSUMED FOR 5-10 MINUTES. IMMEDIATELY.

SECOND AID: NOT APPLICABLE.

SKIN CONTACT: DICHLOROMETHANE (METHYLENE CHLORIDE)

CUTANEOUS AFFAIRS: MAY CAUSE IRRITATION. THIAMINE, NITROUS OXIDE NITROUS OXIDE.

ACUTE EXPOSURE: MAY CAUSE RASH, PAIN, Paresthesias, And Possibly Burns Drying On The Skin. CONTACT CHRONIC EXPOSURE: PROLONGED OR REPEATED CONTACT MAY CAUSE A DRY, SCALY AND FRIEDURISM DUE TO DEFATTING ACTION OF LIQUID ON SKIN.

FIRST AID: WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL SALT SOLUTION. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA. IF EYES ARE WASHED, PROTECT EYES FROM ANY AREA.

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STORE IN A TIGHTLY CLOSED CONTAINER.
STORE UNDER NITROGEN.
STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

**DISPOSAL**
DISPOSAL MUST BE IN ACCORDANCE WITH STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE, 40CFR 262. EPA HAZARDOUS WASTE NUMBER U80.

**CONDITIONS TO AVOID**
MAY BURN BUT DOES NOT IGNITE READILY. CONTAINER MAY EXPLODE IN HEAT OF FIRE.

**SPILL AND LEAK PROCEDURES**
SOIL SPILL:
DIG A HOLDING AREA SUCH AS A PIT, POND OR LAGOON TO CONTAIN SPILL AND DIKE SURFACE FLOW USING BARRIER OF SOIL, SANDBAGS, FOAMED POLYURETHANE OR FOAMED CONCRETE. ABSORB LIQUID MASS WITH FLY ASH OR CEMENT POWDER.
AIR SPILL:
APPLY WATER SPRAY TO KNOCK DOWN VAPORS.
WATER SPILL:
TRAP SPILLED MATERIAL AT BOTTOM IN DEEP WATER POCKETS, EXCAVATED HOLDING AREAS OR WITHIN SANDBAG BARRIERS.
USE SUCTION HOSES TO REMOVE TRAPPPED SPILL MATERIAL.

THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROPOSITION 65) PROHIBITS CONTAMINATING ANY KNOWN SOURCE OF DRINKING WATER WITH SUBSTANCES KNOWN TO CAUSE CANCER AND/OR REPRODUCTIVE TOXICITY.

**OCCUPATIONAL SPILL**
SHUT OFF IGNITION SOURCES. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. FOR SMALL LIQUID SPILLS, TAKE UP WITH SAND, EARTH OR OTHER ABSORBENT MATERIAL. FOR LARGER SPILLS, DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL. NO SMOKING, FLAMES OR FLARES IN HAZARD AREA! KEEP UNNECESSARY PEOPLE AWAY.

REPORTABLE QUANTITY (RQ): 1000 POUNDS.


**PROTECTIVE EQUIPMENT**
VENTILATION: PROCESS ENCLOSURE RECOMMENDED TO MEET PUBLISHED EXPOSURE LIMITS.
RESPIRATOR:

DICHLODROMETHANE (METHYLENE CHLORIDE):
AT ANY DETECTABLE CONCENTRATION.

ANY SELF-CONTAINED BREATHING APPARATUS THAT HAS A FULL FACEPIECE AND IS OPERATED IN A PRESSURE-DEMAMIC OR OTHER POSITIVE-PRESSURE MODE.
ANY SUPPLIED-AIR RESPIRATOR THAT HAS A FULL FACEPIECE AND IS OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE.
ESCAPE - ANY AIR-PURIFYING, FULL-FACEPIECE RESPIRATOR (GAS MASK) WITH A CHIN-STYLE, FRONT- OR BACK-MOUNTED ORGANIC VAPOR CANISTER.
ANY APPROPRIATE ESCAPE-TYPE, SELF-CONTAINED BREATHING APPARATUS.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS:
ANY SELF-CONTAINED BREATHING APPARATUS THAT HAS A FULL FACEPIECE AND IS OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE IN COMBINATION WITH AN AUXILIARY SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE.

AUXILIARY SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE.
CLOTHING:
EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING AND EQUIPMENT TO PREVENT REPEATED OR PROLONGED SKIN CONTACT WITH THIS SUBSTANCE.
GLOVES:
EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT CONTACT WITH THIS SUBSTANCE.
EYE PROTECTION:
EMPLOYEE MUST WEAR SPLASH-PROOF OR DUST-RESISTANT SAFETY GOGGLES AND A FACE SHIELD TO PREVENT CONTACT WITH THIS SUBSTANCE.

EMERGENCY WASH FACILITIES:
WHERE THERE IS ANY POSSIBILITY THAT AN EMPLYEE'S EYES AND/OR SKIN MAY BE EXPOSED TO THIS SUBSTANCE, THE EMPLOYER SHOULD PROVIDE AN EYE WASH FOUNTAIN AND QUICK DRENCH SHOWER WITHIN THE IMMEDIATE WORK AREA FOR EMERGENCY USE.

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