

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

Product ID:DICHLOROMETHANE

MSDS Date:03/03/1994

FSC:6850

NIIN:00-122-3963

MSDS Number: BZPDV

=== Responsible Party ===

Company Name:OCCUPATIONAL HEALTH SERVICES INC

Address:11 W 42ND STREET, 12TH FLOOR

City:NEW YORK

State:NY

ZIP:10036

Country:US

Info Phone Num:212-789-3535/800-445-MSDS (MSDS)

Emergency Phone Num:615-366-2000

CAGE:DO501

=== Contractor Iden

tification ===

Company Name:OCCUPATIONAL HEA & SAFETY,FORD MOTOR CO

Address:900 PARKLANE TOWERS WEST

City:DEARBORNE

State:MI

ZIP:48126

Phone:800-959-3673

CAGE:DO501

Company Name:OCCUPATIONAL HEALTH SERVICES INC

Address:11 W 42ND ST 12 THE FLOOR

City:NEW YORK

State:NY

ZIP:10036

Country:US

Phone:212-789-3535

CAGE:0G9K0

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

Ingred Name:METHYLENE CHLORIDE (SARA 313) (CERCLA)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 100%

Other RE

C Limits:NONE RECOMMENDED

OSHA PEL:500 PPM; Z-2

ACGIH TLV:50 PPM, A2; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL-RAT LD50: 1600 MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHAL:IRRIT/NARC/CHEM

ASPHYXIAN/CARC.RESP TRACT IRRIT,TEMP NEUROBEHAVIOURAL
EFFECTS,LIGHTHEAD,HIGH CARBOXYHEMOG

LOBIN LEVEL,NAU,FTG,GI

DISTURB.SKIN:MILD IRRIT TO SEVERE PAIN,PARESTHESIAS,BURNS.DRY,SCA
LY,FISSURED DERM(DEFAT ACTION).EYE:IRRIT,PAOIN,NOT LIKELY TO CAUSE
INJURY,CONJ.INGEST:REAPID-SLOW RESP,GLOTTAL,(SUPPLEM)

Explanation of Carcinogenicity:PER MSDS:CARCINOGEN STATUS:OSHA-NO,
NTP/IARC-YES.

Effects of Overexposure:IRRITATION, NAU,BLOOD IN URINE,IRREGULAR
HEARTBEAT,HEAD,WEAKNESS,DRUNKENESS,CONFUSION,NUMBNESS,SUFFOCATION,L
UNG CONGESTION,BLOOD DISORDERS,UNCONSC,CHEST
PAI

NS,HALLUCINATIONS,BRAIN EFFECTS,REPROD EFFEC
TS,CANC,BURNS,TINGLING SENS,SORES,LUNG DMG,BLOOD
DISORDERS,LIVER/KIDNEY DMG.

Medical Cond Aggravated by Exposure:PERSONS

W/SKIN/LIVER/KIDNEY/CARDIOVASCULAR DISEASE/ANEMIA. TARGET
ORGANS:CNS DEPREASANT;CHEM ASPHYXIAN.POIS MAY AFFECT
BLOOD,LIVER,KIDNES.

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

First Aid:INHAL:REMOVE TO FRESH AIR IMMED.STOP BREATH GIVE ART
RESP.TREAT SYMPTOM/SUPPORT.SKIN:REMOVE CONTA

MIN CLOTH/SHOES

IMMED.WASH AREA W/SOAP/MILD DETERGETN/LG AMTS OF WATER APPROX
15-20MINS.EYE:WASH IMMED W/LG AMTS OF WATER/NORMAL SALINE,LIFTING
EYELIDS APPROX 15-20MINS.INGEST:REMOVE BY GASTRIC
LAVAGE/EMESIS.RESP DEPRESS GIVE OXY.DO NOT PERFORM GASTRIC
LAVAGE/EMESIS IF UNCONSC.IN ALL CASES GET MED(SUP)

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

Flash Point:HMIS:NON-FLAMM

Autoignition Temp:Autoignition Temp Text:1033F

Lower Limits:13

Upper Limits:2

Extinguishing Media: DRY CHEMICAL OR CARBON DIOXIDE. LG FIRES: USE WATER SPRAY, FOG, OR REG FOAM.

Fire Fighting Procedures: APPLY COOLING WATER TO CNTNRS SIDE EXPO TO FLAMES TIL WELL AFT FIRE OUT. STAY AWAY FRM TKS END. ISOLATE 1/2M IN ALL DIRECTIONS IF TK/RAIL CAR/TK TRUCK(FIRE/EXPLO)

Unusual Fire/Explosion Hazard: SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. FIREFIGHT: IN FIRE. USE FLOODING QUANT OF WATER TO COOL CNTNR APPLY FRM AS FAR A DISTANCE AS POSSIBLE. KEEP UPWIND

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

Spill Release Procedures: SHUT OFF IGN SOURCES. STOP LEAK W/O RISK. SM: TAKE UP W/SAND/EARTH/ABSORBENT MATL. LG: DIKE FOR LATER DISPO. NO SMOKING, FLAMES, FLARES IN HAZ AREA. KEEP UNNECESSARY PEOPLE AWAY. RQ: 1000LBS. DIG HOLDING AREA(LAG OON/PON/PIT). USE CEMENT POWDER/FLY ASH TO(OTH PRE)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Pre

cautions: OBSERVE ALL FED/STATE/LOC REGS. PROTECT AGAINST PHY DMG. STORE IN COOL DRY WELL VENTI AREA AWAY FRM FIRE HAZ IN TIGHTLY CLSD CNTNR UNDER NITROGEN.

Other Precautions: SPILL: ABSORB. AIR: APPLY WATERSPRAY TO KNOCK DOWN VAP. WATER: TRAP @BOTTOM IN DEEP WATER POCKETS EXCAVATED HOLDING AREA/W/IN SANDBAG BARRIERS. USE SUCTION HOSES TO REMOVE MATL. CA PROP 65.

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

Respiratory Protection: SPECIFIC RESP SELECTED MSUT BE BASED ON CONTAMIN

LEVELS FOUND IN WORKPLACE, MUST NOT EXCEED WORKING LIMITS OF RESP, JOINTLY APPROVED BY NIOSH/MSHA.

Ventilation: PROCESS ENCLOSURE RECOMMENDED TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves: APPROPRIATE PROTECTIVE GLOVES.

Eye Protection: SPLASH-PROOF, DUST-RESIST SAF GOGG, FCSHIE

Other Protective Equipment: EYEWASH FOUNTAIN, QUICK DRENCH SHOWER WITHIN IMMED WORK AREA FOR EMERGY USE. WEAR APPROPR PROT IMPERV CLOTH/EQPMT.

Work Hygienic Practices: HMIS: WASH HANDS AFT

HANDLING.LAUNDRY CONTAMIN
CLOTH BEF REUSE.

Supplemental Safety and Health

HEALTH HAZ:PHARYNGEAL EDEMA,GI ULCERATION,HEMORRHAGE,UNCONSC,LACK OF
RESPOSNE TO PAOINFUL SITMULI,CNS DEPRESS,CONVUL,PARESTHESIA OF
EXTREMITIES,LIVER/KIDNEY DMG,CARBOXYHEMOGLOBINEMIA.DRINKING ALCOHOL
MAY WORSEN EFFECTS. 1STAID:IMMED.DR:NO SPECIFIC ANTIDOTE.TREATE
SYMPT/SUPP.

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

HCC:T4

Boiling Pt:B.P. Text:104F,40C

Melt/Freeze Pt:M.P/F.

P Text:-139F,-95C

Decomp Temp:Decomp Text:NP

Vapor Pres:400 @24C

Vapor Density:2.9

Spec Gravity:1.3266

pH:NP

Viscosity:0.441CP @20C

Evaporation Rate & Reference:27.5 (N-BUTYL ACETATE=1)

Solubility in Water:1.32% @20C, MODERATE

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH MILD, CHLOROFORM-LIKE
ODOR.

Percent Volatiles by Volume:100

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

ALKALI METALS,AL,STRONG C

AUSTICS,CU,FE,LI,MG,NI,HNO3,NO2,STRONG

OXIDIZERS,LIQ O2,K,KOH,NA,NA-K ALLOY,SS,TI,ZN,PLAS,RUBB

Stability Condition to Avoid:MAY BURN BUT DOES NOT IGNITE

READILY.CONTAINER MAY EXPLODE IN HEAT OF FIRE.

Hazardous Decomposition Products:THERM DECOMPO PROD MAY INCLUDE TOXIC &
HAZARDOUS PHOSGENE GAS,TOXIC & CORRO FUMES OF CHLORIDES, & OXIDES
OF CARBON.

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

Waste Disposal Methods:OBSERVE ALL FED/STATE/LOC REGS.MUST BE IAW

STDS

APPLICABLE TO GENERATORS OF HAZ WASTE,40CFR262.EPA HAZ
WASTE#:U080.CERCLA SEC 103/SARA SEC 3113.1000LBS RQ.

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