

CSD INC. -- TETRACHLOROETHYLENE, TECHNICAL -- 6810-00-270-9982

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

Product ID:TETRACHLOROETHYLENE, TECHNICAL

MSDS Date:10/01/1990

FSC:6810

NIIN:00-270-9982

MSDS Number: BNTDM

=== Responsible Party ===

Company Name:CSD INC.

Address:#5 HACKBERRY LANE

City:CUT & SHOOT

State:TX

ZIP:77303

Country:US

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:JO933

=== Contractor Iden

tification ===

Company Name:CSD INC.

Address:5 HACKBERRY LANE

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:JO933

Company Name:CSD INC. (PRE 1985 NAME: MATHEWS, INC)

Address:420 SEABOARD DRIVE

Box:City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Phone:704-821-9822

CAGE:5W216

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

Ingred Name:TETRACHLOROETHYLENE (SARA 313)

CAS:127-18-4

RTECS #:KX3850000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFI

ED
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE: SEVERE
IRRIT,REDNESS,TEARING,BLURRED VISION. SKIN: PROLONG/REPEAT CONTACT:
MOD IRRIT,DEFAT,DERMATITIS. INHAL: EXCESS INHAL OF VAPORS CAN CAUSE
NASAL & RESP IRRIT, CENTRAL NERV S
YS EFFECTS INCLUD:
DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,HEADACHE,POSSIBLE
UNCONSCIOUS,EVEN DEATH. INGEST: GASTROINTESTINAL IRRIT,NAUSEA,#
Explanation of Carcinogenicity:PERCHLOROETHYLENE IS LISTED AS A
POTENTIAL CARCINOGEN BY IARC.
Effects of Overexposure:#VOMITING,DIARRHEA. OVEREXPOSURE TO THIS MATL
(OR ITS COMPONENTS) HAS APPARENTLY BEEN FOUND TO CAUSE THE
FOLLOWING AFFECTS IN LAB ANIMALS: LIVER ABNORMALITIES. IN HUMANS:
LIVER ABNORMALITIES, KIDNEY D AMAGE, LUNG DAMAGE, S
PLEEN DAMAGE,
BRAIN DAMAGE.

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

First Aid:SKIN: WASH W/SOAP & WTR. RMV CONTAM CLOTH/LAUNDER BEFORE
REUSE. DISCARD SHOES. EYE: FLUSH W/LG AMTS WTR, LIFT LIDS-GET MED
AID. INGEST: DO NOT INDUCE VOMITING. IMMED DRINK 2 GLASSES WTR.
NEVER GIVE AN YTHING BY MOUTH TO UNCONSCIOUS PERSON. INHAL: MOVE TO
FRESH AIR. IF BREATH DIFFICULT-ADMIN OXYGEN, IF STOPPED-ARTIF RESP.
KEEP WARM/QUIET-GET MED AID. DO NOT GIVE STI
MULANTS. EPINEPHRINE OR
EPHEDRINE

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

Flash Point Method:TCC
Flash Point:NONE
Extinguishing Media:WATER FOG
Fire Fighting Procedures:MAY USE WTR TO KEEP FIRE-EXPOSED CNTNRS COOL
UNTIL FIRE IS OUT. WEAR SCBA W/FULL FACEPIECE OPERATED IN THE
POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.
Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR
NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE) C

AN IGNITE
EXPLOSIVELY.

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

Spill Release Procedures:SM: ABSORB LIQ ON PAPER/VERMICULITE/FLOOR
ABSORB/OTHER ABSORB MATL-TRANS TO HOOD. LG: EVAC AREA-UNPROTECT
PEOPLE UNTIL CLEANUP COMPLETE. STOP SPILL AT SOURCE/DIKE AREA TO
PREVENT SPREAD/PUMP LIQ TO SA LVAGE TANK. REMAIN LIQ MAY BE TAKEN
UP ON SAND/++

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

Other Precautions:CONTAINERS OF THIS MATE
RIAL MAY BE HAZARDOUS WHEN
EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR,
LIQUID AND/OR SOLID) ALL HAZARD PRECAUTIONS GIVEN IN THIS DATASHEET
MUST BE OBSERVED .

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

Respiratory Protection:NIOSH/MSHA AIR SUPPLD RESP (ABSENCE OF PROPER
ENVIRON CNTRL). OSHA REG PERMITS OTHER NIOSH/MSHA RESP (NEG PRESS
TYPE) UNDER SPECIFIED CONDITIONS (SEE EQUIP SUPPLIER).
ENGINEERING/ADMIN CONTROLS SHOULD B
E IMPLEMENTED TO REDUCE
EXPOSURE

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL
EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:POLYVINYL ALCOHOL

Eye Protection:CHEM SPLSH GOGGLES/SAFETY GLASSES

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING & BOOTS.

++CLAY/EARTH/FLOOR ABSORB/ETC-SHOVEL INTO CNTNRS.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:250F,12

1C

Vapor Pres:13 MM/HG

Vapor Density:5.7

Spec Gravity:1.618 - 1.622

Evaporation Rate & Reference:ETHYL ETHER =1 / 2.80

Appearance and Odor:CLEAR, LITTLE IF ANY COLOR: CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

Corrosion Rate:NOT CORR

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS: CARBON

DIOXIDE AND CARBON MONOXIDE, HYDROGEN CHLORIDE, PHOSGENE, VARIOUS

HYDROCARBONS, ETC.

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

Waste Disposal Methods:SMALL/LARGE: DISPOSE OF IN ACCORDANCE WITH ALL
LOCAL, STATE AND FEDERAL REGULATIONS. +MAY ADVERSELY
AFFECT THE HEART WITH FATAL RESULTS.

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