

CSD INC. (OBSOLETE ADDRESS; USE 4N760) -- THINNER, CELLULOSE ACETATE BUTYRATE DOPE
-- 8010-00-165-5591

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

Product ID:THINNER, CELLULOSE ACETATE BUTYRATE DOPE

MSDS Date:09/01/1990

FSC:8010

NIIN:00-165-5591

MSDS Number: BTVWT

=== Responsible Party ===

Company Name:CSD INC. (OBSOLETE ADDRESS; USE 4N760)

Address:420 SEABOARD DRIVE

City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Info Phone Num:704-821-9822

Emergency Phone Num:704-821-9822

Preparer's Name:DAVID M SHIPP

CAGE:5W216

=== Contractor Identification ===

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:ETHYL ACETATE

CAS:141-78-6

RTECS #:UC5425000

Fraction by Wt: 30-60%

Other REC Limits:NONE RECOMMENDED

OSHA P

EL:400 PPM
ACGIH TLV:400 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (SARA III) (NIOSH LIMIT: 200 PPM 8 HR TWA)

CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 37%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM;STEL 300 PPM
ACGIH TLV:200 PPM;STEL 300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 10-30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM;STEL 200 PPM
ACGIH TLV:150 PPM;STEL 200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DIACETONE ALCOHOL (NIOSH LIMIT: 50 PPM 8 HR TWA)

CAS:123-42-2
RTECS #:SA9100000
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM

Ingred Name:ETHYL ALCOHOL

CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

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

Health Hazards Acute and Chronic:EYE:IR

IRITATION,TEARING,REDNESS.

SKIN:IRRITATION,DEFATTING, DERMATITIS. INHAL:HIGH CONCENTRATIONS-NOSE & THROAT IRRITATION,SIGNS OF NERVOUS SYSTEM DEPRESSION (HEADACHE,DROWSINESS,DIZZINESS,UNCONSCIOUSNESS,DEATH).INGEST:GASTROINTESTINAL IRRITATION, VOMITING, DIARRHEA.

Effects of Overexposure:N/K CHRONIC:EMBRYOTOXIC/FETOTOXIC EFFECTS OBSERVED IN RATS. OVEREXPOSURE HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LAB ANIMALS: LIVER ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE, BRAIN DAMAGE, ANEMIA. OVEREXPOSURE FOUND TO CAUSE IN HUMANS: LIVER ABNORMALITIES, EYE DAMAGE.

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

First Aid:SKIN: WASH W/SOAP & WATER.REMOVE CONTAMINATED CLOTHING.WASH BEFORE REUSE. EYES: FLUSH W/LRG AMTS WATER,LIFTING EYELIDS,GET MED AID. INGEST: DON'T INDUCE VOMITING.KEEP PERSON WARM,QUIET.GET MED AID.ASPIRATION INTO LUNGS DUE TO VOMITING CAN CAUSE CHEM PNEUMONITIS (CAN BE FATAL). INHAL: REMOVE TO FRESH AIR.IF BREATHING DIFFICULT,GIVE OXYGEN. IF BREATH STOPPED,GIVE ARTIF RESP.KEEP QUIET,GET MED AID.

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

Flash Point:21.0F,-6.1C

Lower Limits:1.7

Extinguishing Media:REGULAR FOAM OR WATER FOG OR CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE IN POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

Unusual Fire/Explosion Hazard:NEVER USE WELD/CUT TORCH ON/NEAR DRUMS.

GROUND/BOND 5 GAL &> CNTNR (TANK CARS).VAPOR HEAVIER THAN AIR,TRAVEL ALONG GROUND/MOVED BY WIND,IGNIT & FLASH BACK.

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

Spill Release Procedures:SMALL:ABSORB ON PAPER,VERMIC,ABSORBENT. LRGE: ELIMINATE IGNITION SOURCES. EVACUATE UNPROTECTED PERSONS.STOP SPILL AT SOURCE.DIKE,PUMP TO SALVAGE TANK.USE ABSORBENT ON REMAINING LIQ.PREVENT RUNOFF TO WATERBODIES;IF OCCURS NOTIFY AUTHORITIES.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES ALL HAZARDS GIVEN IN MSDS MUST BE OBSERVED.

Other Precautions:INFORMATION ACCUMULATED HEREIN BELIEVED ACURATE BUT NOT WARRANTED TO BE WHETHER ORIGINATING W/COMPANY OR NOT.RECIPIENT ADVISED CONFIRM IN ADVANCE OF NEED THAT INFORMATION CURRENT,APPLICABLE,SUITABLE,A PPLICABLE, SUITABLE TO CIRCUMSTANCES.

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

Respiratory Protection:IF ABOVE TLV/PEL, AIR SUPPLIED RESPRIATOR ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROLS. OSHA REGS ALSO PERMIT OTHER NIOHS/MSHA RESPIRATORS (NEG PRESSR TYPE) UNDER SPECIFIED CONDITIONS (SEE SAFE TY EQUIP MFR).

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

Protective Gloves:RESISTANT GLOVES (NITRILE RUBBER)

Eye Protection:CHEM SPLASH GOGGLES/OTHER SFTY GLASSES

Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:168F,76C

Vapor Pres:61 MM

Vapor Density:3.0

Spec Gravity:0.859

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:MODERATE

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

AVOID CONTACT WITH STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.

==== Disposal Considerations =====

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Waste Disposal Methods:DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL COUNTY, STATE, AND FEDERAL REGULATIONS.

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