

CSD INC. (OBSOLETE ADDRESS; USE 4N760) -- THINNER DOPE & LACQUER CELLULOSE NITRATE
-- 8010-00-160-5788

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

Product ID:THINNER DOPE & LACQUER CELLULOSE NITRATE

MSDS Date:09/01/1990

FSC:8010

NIIN:00-160-5788

MSDS Number: BJZRZ

=== Responsible Party ===

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

Address:420 SEABOARD DRIVE

City:MATTHEWS

State:NC

ZIP:28105-5073

C

Country:US

Info Phone Num:704-821-9822

Emergency Phone Num:704-821-9822

Preparer's Name:DAVID 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

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 18%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:N-BUTYL ACETATE (CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 31%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL;9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VM & P NAPHTHA
CAS:64742-89-8
Fraction by Wt: 16%
Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 12%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 12%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 11%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9495
EPA Rpt Qty:

5000 LBS
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:OVEREXPOSURE LIVER ABNORMALITIES &/OR
EYE DAMAGE. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING
CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMI
S FOUND NO LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.
Effects of Overexposure:EYES:IRRIT, REDNESS, TEARING. SKIN:
PROLONGED/REPEATED CONTACT CAN CAUSE MODERATE IRRIT, DEFATT,
DERMATITIS. EXCESSIVE INHALE:NASAL & RESPIRATORY IRRIT, CENTRAL
NERVOUS SYSTEM, DIZZINESS, WEAKNESS, FA TIGUE, NAUSEA, HEADACHE &
POSSIBLE UNCONSCIOUSNESS & EVEN DEATH. SWALLOW:GASTROINTESTINAL
IRRIT, NAUSEA, VOMIT & DIARRHE
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

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===== First Aid Measures =====
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First Aid:SKIN:THOROUGHLY WASH AREA W/SOAP & WATER. REMOVE CONTAM
CLOTHES. LAUNDRER CONTAM CLOTHES BEFORE REUSE. EYES:FLUSH WITH LARGE
AMOUNTS OF WATER, LIFTING UPPER & LOWER LIDS, GET MED ATTN.
SWALLOWED:DO NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET & GET
MEDICAL ATTENTION. BREATH:REMOVE PERSON TO FRESH AIR. IF BREATH IS
DIFF ADMIN OXYGEN. BREATH HAS STOPPED GIVE CPR. KEEP PERSON WARM,
QUIET, GET MED
ATTN

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===== Fire Fighting Measures =====
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Flash Point:10 F/-12.2 C
Lower Limits:1.2
Extinguishing Media:REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS W/
FULL FACEPIECE OPERATED IN POSITIVE PRESS DEMAND MODE. VAPOR MAY
TRAVEL TO IGNITE SOURCES DISTANT FROM HANDLING POINT
Unusual Fire/Explosion Hazard:NEVER WELD, USE CUTTING TORCH ON OR NEAR
DRUM(EVEN EMPTY)CAN IGNITE EXPLOSIVELY. ALL 5

GAL PAIL & LARGE
METAL CONTAINERS GROUND/BOND WHEN TRANSFERRING MATERIAL

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

Spill Release Procedures:SM:ABSORB LIQ ON PAPER,VERMICULITE,FLOOR
ABSORBENT. LG:ELIM ALL IGNITE SOURCES. NO PERSONS W/OUT WEARING
PROTECTIVE EQUIP. STOP AT SOURCE. DIKE AREA TO PREVENT SPREAD, PUMP
LIQ TO SALVAGE TANK. TAKE U P REST W/SAND,CLAY,ETC. SHOVEL INTO
CONTAINERS.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:CONTAINERS MAY BE HAZARDOUS WHEN
EMPTIED. SINCE EMPTIES RETAIN PRODUCT
RESIDUES(VAPOR,LIQUID,SOLID)ALL HAZARD PRECAUTIONS GIVEN MUST BE
OBSERVED.

Other Precautions:NONE

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

Respiratory Protection:NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS
ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGS ALSO
PERMIT OTHE

R NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER
SPECIFIED CONDITION S. SEE YOUR SAFETY EQUIPMENT SUPPLIER.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST)
VENTILATION

Protective Gloves:NITRILE RUBBER, POLYETHYLENE

Eye Protection:CHEM SPLASH GOGGLES OR SAFETY GLASSES

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

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING. LAUNDER
CONTAMINATED CLOT
HING BEFORE RE-USE.

Supplemental Safety and Health
NONE

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

HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:175F,79C

Melt/Freeze Pt:M.P/F.P Text:-20F,-29C

Vapor Pres:70 MMHG

Vapor Density:3.0

Spec Gravity:0.824

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:NONE

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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 & CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURRED.

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