

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

===== 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

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

===== 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)

PECIFIED
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

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

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. HM
IS 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, FATIGUE, NAUSEA, HEADACHE &
POSSIBLE UNCONSCIOUSNESS & EVEN DEATH. SWALLOW:GASTROINTESTINAL
IRRIT, NAUSEA, VOMIT & DIARRHEA
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

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

First Aid:SKIN:THOROUGHLY WASH AREA W/SOAP & WATER. REMOVE CONTAM CLOTHES. LAUNDER 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

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

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 OTH

ER 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 CLOTHING 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

===== 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 S PILL HAS OCCURRED.

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