

CSD INC. (OBSOLETE ADDRESS; USE 4N760) -- THINNER DOPE & LACQUER CELLULOSE NITRATE
-- 8010-00-160-5787

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Product Identification
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Product ID:THINNER DOPE & LACQUER CELLULOSE NITRATE

MSDS Date:09/01/1990

FSC:8010

NIIN:00-160-5787

MSDS Number: BJZRY

=== 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

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 18%

Other REC Limits:NONE SPECIFIE

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OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 31%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/200STEL;9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES (NIOSH 350 MG/CUM-8 HOUR
TIME WEIGHT AVERAGE, 1800 MG/CUM BY 15 MINUTES SAMPLE)

CAS:8030-30-6

RTECS #:DE3030000

Fraction by Wt: 16%

Other REC Limits:NONE SPECIFIED

PPM
ACGIH TLV:300 PPM

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 12%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 12%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCO
HOL (SARA III)
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; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

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

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 & DIARRHE

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

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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 WITH
FULL FACEPIECE OPERATED IN POSITIVE PRESSURE 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.

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Accidental Release Measures
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Spill Release Procedures:SM:ABSORB LIQUID ON PAPER,VERMICULITE,FLOOR
ABSORBENT. LG:ELIMINATE ALL IGNITE SOURCES. NO PERSONS WITHOUT WEARING
PROTECTIVE EQUIPMENT. STOP AT SOURCE. DIKE AREA TO PREVENT SPREAD, PUMP
LIQUID TO SALVAGE TANK. TAKE UP REST WITH SAND,CLAY,ETC. SHOVEL INTO
CONTAINERS.

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Handling and Storage
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Handling and Storage Precautions:CONTAINERS MAY BE HAZARDOUS WHEN
EMPTIED. SINCE EMPTIES RETAIN PRODUCT RESIDUE

DUES(VAPOR,LIQUID,SOLID)ALL HAZARD PRECAUTIONS GIVEN MUST BE OBSERVED.

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

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

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

HCC:F2

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

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

Va

por 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 MO

NOXIDE, 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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