

CSD, INC. -- THINNER DOPE & LACQUER-CELLULOSE NITRATE -- 8010-00-160-5789

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

Product ID:THINNER DOPE & LACQUER-CELLULOSE NITRATE

MSDS Date:07/01/1988

FSC:8010

NIIN:00-160-5789

MSDS Number: BHMFY

=== Responsible Party ===

Company Name:CSD, INC.

Address:#5 HACKBERRY

City:CUT & SHOOT

State:TX

ZIP:77302

Country:US

Info Phone Num:409-759-1065

Emergency Phone Num:409-759-1065

Preparer's Name:TOMMY E QUINLEY

CAGE:KO005

=== 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

Company Name:CSD, INC.

Address:5 HACKBURY ST

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:KO005

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

Ingred Name:ALIPHATIC NAPHTHA

Fraction by Wt: 16-17%

ACGIH T

LV:300 B

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 12-20%

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 ALCOHOL

CAS:124-68-5

Fraction by Wt: 11-10%MI

ACGIH TLV:100 A

Ingred Name:ISOBUTYL ACETATE (SARA III)

CAS:110-19-0

RTECS #:AI4025000

Fraction by Wt: 30-35%

OSHA PEL:150 PPM

ACGIH TLV:150 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-6

3-0

RTECS #:NT8050000

Fraction by Wt: 20%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 10-15%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Effe

cts of Overexposure: EYE IRRITANT. CAN CAUSE DERMATITIS, ANESTHETIC RESPIRATORY TRACT IRRITATION; NAUSEA, VOMITING, HEADACHES, DIZZINESS, LIVER OR KIDNEY DAMAGE. CAN BE ABSORBED THROUGH SKIN; CAUSE BIRTH AND REPRODUCTIVE DEFECTS IN SOME LAB ANIMALS.

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

First Aid: EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES OR SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR. IF BREATHING STOPS, GIVE CPR AND SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION: CONTACT PHYSICIAN IMMEDIATELY. PHYSICIAN SHOULD CONTACT POISON CONTROL CENTER 212-664-2121

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

Flash Point Method: TCC
Flash Point: 38F 3.33C
Lower Limits: .9
Extinguishing Media: USE FOAM, CO2 OR DRY CHEMICAL FIRE FIGHTING APPARATUS
Fire Fighting Procedures: SELF-CONTAINED BREATHING APPARATUS, WATER SPRAY FOR COOLING.
Unusual Fire/Explosion Hazard: AVOID EXCESSIVE WATER; KEEP WORK AREA FREE OF HOT METAL SURFACES.

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

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. FLUSH SPILLED MATERIAL INTO SUITABLE RETAINING AREAS OR CONTAINERS WITH LARGE QUANTITIES OF WATER. SMALL AMOUNTS OF SPILLED MATERIAL MAY BE ABSORBED INTO AN APPROPRIATE ABSORBANT.

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

Handling and Storage Precautions: KEEP CONTAINERS COOL, DRY AND AWAY FROM SOURCES OF IGNITION. USE/STORE THIS PRODUCT WITH ADEQUATE VENTILATION. KEEP CONTAINERS CLOSED WHEN NOT USING.
Other Precautions: AVOID INHALATION AND CONTACT WITH SKIN.

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

Respiratory Protection: NIOSH APPROVED CARTRIDGE RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.
Ventilation

:MECHANICAL VENTILATION OR LOCAL EXHAUST TO REDUCE TLV TO APPROVED LEVEL.

Protective Gloves:IMPERMEABLE GLOVES (NEOPRENE)

Eye Protection:SAFETY GLASSES, GOGGLES, FACE SHIELD

Other Protective Equipment:IMPERMEABLE APRONS

Supplemental Safety and Health

NK

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

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

Vapor Pres:70

Vapor Density:3.0(AIR=1)

Spec Gravity:.824

Evaporation Rate & Reference:4.9

Solubility in Water:5%

Appearance and Odor:

CLEAR, LITTLE IF ANY COLOR, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE FROM BURNING

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

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to

their
particular situation.