

LENMAR, INC -- P-820 CELLULOSE NITRATE GLOSS LACQUER BLUE 15

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-680-0144  
MSDS Date: 04/01/1993  
MSDS Num: BWSFR  
Product ID: P-820 CELLULOSE NITRATE GLOSS LACQUER BLUE 15102  
MFN: 01  
Responsible Party  
Cage: 36489  
Name: LENMAR, INC  
Address: 150 SOUTH CALVERTON ROAD  
C  
City: BALTIMORE MD 21223  
Info Phone Number: 401-947-2300  
Emergency Phone Number: 401-358-5524 NIGHT/401-947-2300 DAY  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: OBDY9  
Name: LENMAR, INC.  
Address: 150 SOUTH CALVERTON ROAD  
City: BALTIMORE MD 21223  
Phone: 410-947-2300/410-358-5524  
Cage: 36489  
Name: LENMAR, INC  
Address: 150 SOUTH CALVERTON ROAD  
City: BALTIMORE MD 21223  
Phone: (301)  
947-2300

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Item Description Information  
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Item Manager: GSA  
Item Name: LACQUER  
Specification Number: TT-L-32A  
Type/Grade/Class: TYPE 2  
Unit of Issue: GL  
UI Container Qty: 4  
Type of Container: METAL

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Ingredients  
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Cas: 78-93-3  
RTECS #: EL6475000  
Name: METHYL ETHYL KETONE (2-BUTANO

NE) (SARA 313) (CERCLA) (VAPOR PRESSURE 22  
MM HG @ 20C)

% Wt: 0-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 200 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (METHYLBENZENE) (SARA III) (CERCLA) (VAPOR PRESSURE 22 MM HG @  
20C)

% Wt: 0-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

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Cas: 8030-30-6

RTECS #: DE3030000

Name: VM&P NAPHTHA (SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH) (VAPOR  
PRESSURE 15 MM HG @ 20C)

% Wt: 10-20

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 300 PPM

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Name: N-BUTYL ACETATE (BUTYL ESTER, ACETIC ACID) (VAPOR PRESSURE 8 MM HG @ 20C)

% Wt: 0-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 150 PPM

ACGIH TLV: 150 PPM

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Cas: 142-82-5

RTECS #: MI7700000

Name: HEPTA

NE (HEPTANE) (VAPOR PRESSURE 35.5 MM HG @ 20C)

% Wt: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM

ACGIH TLV: 400 PPM

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Cas: 67-63-0

RTECS #: NT8050000

Name: ISOPROPANOL (2-PROPANOL) (SARA III)

% Wt: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

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Cas: 108-10-1

RTECS #: SA9275000

Name: METHYL ISOBUTYL KETONE (4-METHYL, 4-PROPANONE) (SARA 313) (CERCLA)  
(VAPOR PRESSURE 18 MM HG @ 20C)

% Wt: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (2-PROPANOL) (SARA 313) (CERCLA) (VAPOR PRESSURE 180 MM HG @ 20C)

% Wt: 0-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 750 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 117-81-7

RTECS #: T10350000

Name: DIOCTYL PHTHALATE (SARA 313) (CERCLA)

% Wt:

0-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

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Cas: 9004-70-0

RTECS #: QW0970000

Name: NITROCELLULOSE

% Wt: 7-17

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data

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Route Of Entry Inds - Inhalation: YES

Skin: YE

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Carcinogenicity Inds - NTP: YES

IARC: YES

Effects of Exposure: INHAL: ANESTHETIC. RESP TRACT IRRITATION OR ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZY, STAGGER, CONFUSION, UNCONSCIOUS, COMA). SKIN OR EYE CONTACT: PRIMARY IRRITANT. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONC & INHALING-HARMFUL/FATAL.\*

Explanation Of Carcinogenicity: DIOCTYL PHTHALATE IS AN ANIMAL CARCINOGEN AND MUST BE CONSIDERED POTENTIALLY CARCINOGENIC TO HUMANS.

Signs And Symptoms Of Overexposure: \* CARDIAC EFFECTS IN HUMANS, LIVER ABNORMALITIES. ANIMAL: CARDIAC SENSITIZATION (FATAL CHANGES IN HEART RHYTHMS), HEARING DEFICITS. INTENTIONAL ABUSE, MISUSE, OR OTHER MASSIVE EXPOSURE MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

Medical Cond Aggravated By Exposure: NONE

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. CALL PHYSICIAN. SPLASH (EYES): FLUSH IMMEDIATELY W/RUNNING WATER 15 MIN. SEE DR FOR DEFINITIVE MEDICAL TREATMENT. SPLASH (SKIN): WASH PROMPTLY W/WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. CALL PHYSICIAN. INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. IF CONSCIOUS GIVE 1-2 GLASSES WATER. DON'T INDUCE VOMITING

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Handling and Disposal

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Spill Release Procedures: REMOVE IGNITION SOURCES. MOP UP SPILLS/ADD ABSORBENT. USE NON-SPARKING TOOLS. USE W/ADEQUATE VENT. MOVE LEAKING CONTAINERS OUTDOORS, OBSERVING PRECAUTIONS WITH HAZARD TO FIRE, SPARKS & FLAME HAZARD. RUNOFF TO WATERWAY CREATES FIRE HAZARD: NOTIFY \*\*

Neutralizing Agent: N/K \*\* FIRE AND HEALTH AGENCIES.

Waste Disposal Methods: RECLAIM MATERIAL, INCINERATE, OR USE SANITARY LANDFILL METHOD OF DISPOSAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. SEAL DRUMS TIGHTLY.

Handling And Storage Precautions:

DON'T INGEST, HARMFUL OR FATAL. GROUND CONTAINER WHEN POURING. AVOID LIQUID FREE FALL > FEW INCHES. CLOSE CONTAINER AFTER USE. DON'T TRANSFER TO UNLABELED CONTAINER.

Other Precautions: AVOID PROLONGED CONTACT/BREATHING VAPOR. USE NON-SPARK TOOLS/EXPLOSION PROOF EQUIP. DON'T APPLY TO HOT SURFACES. EMPTY CONTAINER RETAIN RESIDUE, CAN BE DANGEROUS. DON'T PRESSURIZE, CUT, WELD, ETC SUCH CONTAINERS. RETURN EMPTY DRUMS TO RECONDITIONER.\*\*\*

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Fire and Exp

losion Hazard Information

Flash Point Method: SCC

Flash Point Text: 0F,-18C

Lower Limits: 1.0

Extinguishing Media: FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE,USE TO COOL FIRE EXPOSED CNTNR.AVOID UNNEEDED EXPOSURE TO FUMES.PERSON EXPOSED TO FUMES SHOULD GET IMMED MED AID.USE SCBA IF ENCLOSED.

Unusual Fire/Explosion Hazard: TOXIC GASES EVOLVED WHEN BURNING.KEEP CNTNR

CLSD.KEEP FROM HEAT,ELEC EQUIP,OPEN FLAME,STATIC ELEC.CLSD CNTNR MAY EXPLODE W/HEAT.DON'T APPLY TO HOT SURFACES.

Control Measures

Respiratory Protection: OPEN AREA, USE MECHANICAL FILTER RESPIRATOR (REMOVE PARTICLES). IN RESTRICTED VENT, CHEMICAL/MECHANICAL FILTERS (PARTICLES & VAPOR). IN CONFINED, AIRLINE RSPRTR OR HOODS. WEAR FITTED, NIOSH RESPIRATOR DURING/AFTER APPLI

C UNLESS <TLV/PEL.

Ventilation: USE APPROVED SPRAY BOOTH. GENERAL DILUTION/LOCAL EXHAUST TO KEEP CONCENTRATIONS OF HAZARDOUS INGREDIENTS BELOW TLV.

Protective Gloves: REQUIRED FOR PROLONGED/REPEATED CONTACT

Eye Protection: SPLASH-PROOF GOGGLES

Other Protective Equipment: NONE REQUIRED

Work Hygienic Practices: NONE REQUIRED

Supplemental Safety and Health: \*\*\* ALL OTHER CONTAINERS SHOULD BE DISPOSED IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERMENT REGULATIONS. FOR WORK O

N TANKS REFER TO OSHA REGULATIONS, ANSI Z49.1, AND OTHER GOVERNMENTAL AND INDUSTRIAL REFERENCE PERTAININGTO CLEANING, REPAIRING, WELDING OR OTHER OPERATIONS.

Physical/Chemical Properties

B.P. Text: 133 TO 282F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 74

Reactivi

ty Data

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Stability Indicator: YES

Stability Condition To Avoid: TEMPERATURES IN EXCESS OF 150F IN CLOSED CONTAINER. EXPOSURE TO HEAT, SPARKS, OPEN FLAME & HOT SURFACES.

Materials To Avoid: OXYGEN AND STRONG OXIDANTS

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: TEMPERATURES IN EXCESS OF 150 F IN CLOSED CONTAINER. EXPOSUR

E TO HEAT, SPARKS, OPEN FLAME AND HOT SURFACES.  
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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 36489

Trans ID NO: 81946

Product ID: P-820 CELLULOSE NITRATE GLOSS LACQUER BLUE 15102

MSDS Prepared Date:

04/01/1993

Review Date: 03/14/1995

MFN: 1

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: GL

Container QTY: 4

Type Of Container: METAL  
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Detail DOT Information  
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DOT PSN Code: LFD

DOT Proper Shipping Name: PAINT

DOT PSN Modifier: INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH, POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE

Hazard Class: 3

UN ID Num: UN1263

DOT P

ackaging Group: II  
Label: FLAMMABLE LIQUID  
Special Provision: B52,T7,T30  
Packaging Exception: 150  
Non Bulk Pack: 173  
Bulk Pack: 242  
Max Qty Pass: 5 L  
Max Qty Cargo: 60 L  
Vessel Stow Req: B

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Detail IMO Information  
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IMO PSN Code: LCP  
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL  
IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,  
VARNISH, POLISH, L  
IQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT  
THINNING OR REDUCING COMPOUND) o  
IMDG Page Number: 3268  
UN Number: 1263  
UN Hazard Class: 3.2  
IMO Packaging Group: I/II \*  
Subsidiary Risk Label: -  
EMS Number: 3-05  
MED First Aid Guide NUM: 310

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Detail IATA Information  
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IATA PSN Code: SXI  
IATA UN ID Num: 1263  
IATA Proper Shipping Name: PAINT  
IATA PSN Modifier: (INCLUDING  
PAINT,  
LACQUER, ENAMEL, STAIN, SHELLAC, VARNISH, POLISH, LIQUID FILLER AND LIQUID  
LACQUER BASE)  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: II  
Packing Note Passenger: 305  
Max Quant Pass: 5L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 307  
Exceptions: A7,A72

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Detail AFI Information  
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AFI PSN Code: SXI  
AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL  
AFI PSN Modifier: (INCL

UDING PAINT,LACQUER,ENAMEL,STAIN,SHELLAC  
SOLUTIONS,VARNISH,POLISH,LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING  
PAINT THINNING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3  
AFI UN ID NUM: UN1263  
AFI Packing Group: II  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: P-820 CELLULOSE NITRATE GLOSS LACQUER BLUE 15102

Cage: 36489

Company Name: LENMAR, INC

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Street: 150 SOUTH CALVERTON ROAD

City: BALTIMORE MD

Zipcode: 21223

Health Emergency Phone: 401-358-5524 NIGHT/401-947-2300 DAY

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: INHAL: ANESTHETIC. RESP TRACT IRRITATION OR ACUTE  
NERVOUS SYSTEM DEPRESSION

(HEADACHE,DIZZY,STAGGER,CONFUSION,UNCONSCIOUS,COMA). SKIN OR EYE CONTACT:  
PRIMARY IRRITANT. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED  
OCCUPATIONA

L EXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM  
DAMAGE.CONC & INHALING-HARMFUL/FATAL.\*\* CARDIAC EFFECTS IN HUMANS, LIVER  
ABNORMALITIES. ANIMAL: CARDIAC SENSITIZATION (FATAL CHANGES IN HEART  
RHYTHMS), HEARING DEFICITS. INTENTIONAL ABUSE, MISUSE, OR OTHER MASSIVE  
EXPOSURE MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

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nor any person or persons contracting with any instrumentality of the United  
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