

LHB INDUSTRIES -- ECO-SURE OLIVE DRAB 24064 (0674-241)

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6112
MSDS Date: 04/28/1995
MSDS Num: CGNKT
Product ID: ECO-SURE OLIVE DRAB 24064 (0674-241)
MFN: 03
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUI
S MO 63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 800-424-9300 CHEMTREC/ 314-522-3141
Preparer's Name: GREGORY M. MCGOWAN
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134

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Contractor Summary
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Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134
Phone: 314-522-3141

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Item Description Information
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Item Manager: GSA
Item Name: ENAMEL
Specification Number: A-A-2787
Unit of Issue: PT
UI Container Qty: 0

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Ingredients
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Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA III) (NIOSH #ZE100000)
% Wt: <2.90
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III) (NIOSH #XS5250000)
% Wt: 21.16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 110-1
2-3
RTECS #: MP3850000
Name: 5-METHYL-2-HEXANONE (NIOSH #MP3850000)
% Wt: 5.80
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 150 (NIOSH #ZE2190000)
% Wt: <2.90
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 5 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 100 (NIOSH #ZE2190000)
% Wt: 5.80
Other REC Limits: NONE RECOMMENDED
OSHA

PEL: NOT ESTABLISHED

ACGIH TLV: 50 PPM

Cas: 108-10-1

RTECS #: SA9275000

Name: 4-METHYL-2-PENTANONE (SARA III) (NIOSH #SA9275000)

% Wt: <2.90

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 107-87-9

RTECS #: SA7875000

Name: 2-PENTANONE (NIOSH #SA7875000)

% Wt: <2.90

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

Cas: 95-63-6

RTECS #: DC3325000

Name: 1,2,4-TRIMETHYLBENZENE (SARA III) (NIOSH #DC3325000)

% Wt: <2.90

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 25 PPM

Cas: 71-36-3

RTECS #: EO1400000

Name: N-BUTANOL (SARA III) (NIOSH #EO1400000)

% Wt: <2.90

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 50 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 115-10-6

RTECS #: PM4780000

Na

me: DIMETHYL ETHER (NIOSH #PM780000)

% Wt: 7.46

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE (NIOSH #TX2275000)

% Wt: 13.43

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

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Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHAL: HARMFUL, FATAL, BRAIN/NS DAMAGE, HEADACHE,
ANESTHETIC, RESPIRATORY TRACT IRRITATION, LIGHT HEADEDNESS, STAGGERING GAIT,
GIDDINESS, NAUSEA. SKIN: IRRITATION. INGEST: HARMFUL. EYE: IRRITATION.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: SKIN: WASH WITH SOAP AND WATER. WASH CLOTHES BEFORE REUSE. EYE:
FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGEST: DONT INDUCE

VOMIT. GET MEDICAL ATTENTION. INHAL: GET FRESH AIR. ARTIFICI AL RESPIRATION
IF NEEDED. GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA.
MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE IN ACCORD WITH FEDERAL, STATE, LOCAL
REGULATIONS. DONT PUNCTURE, INCINERATE, OR STOR

E >120F. EXPOSURE TO

HEAT/PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN
TRASH PICK- UP. DONT PLACE IN HOME TRASH COMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CONTENTS UNDER
PRESSURE. DONT STORE WHERE TEMPERATURES MAY EXCEED 120F.

Other Precautions: USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING.
FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING
AND INHALING OR SWALLOWING CONTENTS MAY BE HA

RMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: PROPELLANT 156F*

Autoignition Temp Text: 662F

Lower Limits: 2.2

Upper Limits: 18.0

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.
AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE. USE WATER TO COOL
CONTAINER. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING,
RUPTURING OR VENTING OF CONTAINER.

Unusual Fire/Explosion Hazard: DONT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL
CONTAINER; DONT EXPOSE TO TEMPERATURE >120F.

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Control Measures
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Respiratory Protection: NONE BELOW TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.

Ventilation: L

LOCAL EXHAUST PREFERRED. MECHANICAL (GENERAL): ACCEPTABLE AT POINT
OF MIST OR SPRAY RELEASE.

Protective Gloves: RECOMMENDED

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS CLOTHES TO PROTECT SKIN. EYE WASH
STATION.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DONT EAT, DRINK, OR SMOKE
WHILE USING PRODUCT.

Supplemental Safety and Health: *LIQUID PORTION 7F/13.9C.

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Physical/Chemical Properties
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B.P. Text: NA

M.P/F.P Text: NA

Decomp Text: NA

Vapor Pres: 70 @ 68F

Vapor Density: >1.522

Volatile Org Content %: 65

Spec Gravity: 1.081 (WATER=1)

PH: NA

Viscosity: NA

Solubility in Water: INSOLUBLE

Appearance and Odor: OLIVE DRAB, PAINT.

Corrosion Rate: NA

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: EXTREME

ME HEAT.

Materials To Avoid: NA

Hazardous Decomposition Products: CARBON MONOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NA

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Toxicological Information
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Ecological Information
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MSDS Tra
nsport Information
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Regulatory Information
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Other Information
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Other Information: VOC = 65%

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Transportation Information
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Responsible Party Cage: 0FTT5
Trans ID NO: 126058
Product ID: ECO-SURE OLIVE DRAB 24064 (0674-241)
MSDS Prepared Date: 04/28/1995
Review Date: 01/13/1998
MFN: 3
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0
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Detail DOT Information
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DOT PSN Code: DTJ
Symbols: D
DOT Proper Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
Label: NONE
Non Bulk Pack

: 156,306
Bulk Pack: NONE
Max Qty Pass: 30KGGROSS
Max Qty Cargo: 30KGGROSS
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: AKH
IMO Proper Shipping Name: AEROSOLS/AEROSOL PRODUCT ?
IMDG Page Number: SEE 9022
UN Number: 1950
UN Hazard Class: 9?
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-13

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Detail IATA Inf
ormation
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: A
LR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

=====
HAZCOM Label
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Product ID: ECO-SURE OLIVE DRAB 24064 (0674-241)
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Healt

h Emergency Phone: 800-424-9300 CHEMTREC/ 314-522-3141

Label Required IND: Y

Date Of Label Review: 10/12/1999

Status Code: A

Origination Code: G

Hazard And Precautions: INHAL: HARMFUL, FATAL, BRAIN/NS DAMAGE, HEADACHE, ANESTHETIC, RESPIRATORY TRACT IRRITATION, LIGHT HEADEDNESS, STAGGERING GAIT, GIDDINESS, NAUSEA. SKIN: IRRITATION. INGEST: HARMFUL. EYE: IRRITATION.

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