

LHB INDUSTRIES -- ECO SURE OLIVE DRAB 14064, VOC-COMPLIANT

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6111
MSDS Date: 12/18/1992
MSDS Num: BQMMK
Product ID: ECO SURE OLIVE DRAB 14064, VOC-COMPLIANT
MFN: 01
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST.
LOUIS MO 63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 314-522-3141 800-424-9300(CHEMTREC)
Preparer's Name: RUDOLF OPPENHEIM
Review Ind: Y
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
Type/Grade/Class: TYPE I
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 313)
% Wt: <20.62
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 110-12-3
RTECS #: MP3850000
Name: METHYL ISOAMYL KETONE
% Wt: 6.02
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM; 9293

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 150
% Wt: <3.01
Other REC Limits: NONE SPECIFIED
OSHA PEL: 5 PPM
ACGIH TLV: 5 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 100
% Wt: 6.02
Other REC Limits: NONE SPECIFIED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE
% Wt: <2.91
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM/75 STEL
ACGIH TLV: 50 PPM/75 STEL; 9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000

LBS

Cas: 107-87-9
RTECS #: SA7875000
Name: METHYL PROPYL KETONE
% Wt: <3.01
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM

Cas: 95-63-6
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE (SARA 313)
% Wt: <3.01
Other REC Limits: NONE SPECIFIED
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA 313)
% Wt: <3.01
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

Cas: 115-10-6
RTECS #: PM4780000
Name: DIMETHYL ETHER
% Wt: 22.26
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 14.43
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

RTECS #: 9999999VO
Nam

e: VOC: 65%

Other REC Limits: NONE RECOMMENDED

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. ANESTHETIC. IRRITATION TO SKIN AND RESPI

RATORY TRACT. LIG HT

HEADEDNESS, STAGGERING GAIT, GIDDINESS AND POSSIBLE NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: FOR CONTACT WITH SKIN OR CLOTHES WASH WITH SOAP AND WATER; WASH CLOTHES BEFORE REUSE. EYES: FLUSH WITH WATER FOR 15 MINUTES AND CONTACT A PHYSICIAN/OPHTHALMOLOGIST

IMMEDIATELY. IF SWALLOWED, DO NOT IN DUCE VOMITING.

GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR AND GIVE ARTIFICIAL RESPIRATION IF NECESSARY AND GET MEDICAL AID. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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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 OF IN ACCORDANCE W/APPLICABLE FEDERAL-STATE-LOCAL REG. DO NOT PUNCTURE, INCINERATE (BURN) OR STORE ABOVE 120F.

EXPOSURE TO HEAT/PROLONGED SUN EXPOSURE MAY CAUSE CAN TO BURST. DISCARD EMPTY

CA N IN TRASH PICK-UP-DONT USE HOME TRASH COMPACTOR.

Handling And Storage Precautions: KEEP FROM CHILDREN. CAUTION-CONTENTS UNDER PRESS. DO NOT STORE WHERE TEMP EXCEED 120F. AVOID BREATHING SPRAY-MIST-VAPOR. AVOID CONTACT W/EYES OR SKIN

Other Precautions: AV

OID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION.

READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING OR SWALLOWING CO NTENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: NR

Autoignition Temp Text: 467.8C

Lower Limits: 3.4 %

Upper Limits: 18 %

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 TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SCBA. USE SHEILDING TO PROTECT PERSONNEL AGAINST BURSTING-RUPTURING-VENTING OF CNTNRS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMP (OVER 120F/48.9C) CONTAINERS MAY VENT-RUPTURE-BURST. AEROSOL CONTAINER; DO NOT EXPOSE TO TEMP ABOVE 120F.

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

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

Protective Gloves: TO PROTECT SKIN.

Eye Protection: CHEMICAL SPLASH GOGGLES.

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

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DO NOT EAT, DRINK, OR SMOKE WHILE USING PRODUCT.

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Physical/Chemical Properties
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HCC: V3

B.P. Text: NA

M.P/F.P Text: NA

Decomp Text: NA

Vapor Pres: 63 @ 68F

Vapor Density: > 1.6

Spec Gravity: (WATER=1.0).942

PH: NA

Viscosity: NA

Evaporation Rate & Reference: (BU AC = 1)

Solubility in Water: INSOLUBLE

Appearance and Odor: OLIVE DRAB/PAINT

Percent Volatiles by Volume:

65 %
Corrosion Rate: NA

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Reactivity Data

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Stability Indicator: YES
Stability Condition To Avoid: EXTREME 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 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 Code: 0FTT5
Trans ID NO: 126052
Product ID: ECO SURE OLIVE DRAB 14064, VOC-COMPLIANT
MSDS Prepared Date: 12/18/1992
Review Date: 05/15/1995
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0
Additional Data: NONE

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Detail DOT Information

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DOT PSN Code: AGC
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
Hazard Class: 2.1
UN ID Num: UN1950
Label: FLAMMABLE GAS
Special Provision: N82
Non Bulk Pack: NONE
Bulk Pack: NONE
Max Qty Pass: 75 KG
Max Qty Cargo: 150 KG
Vessel Stow Req: A
Water/Ship/Other Req: 40,48,85

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Detail IMO Information

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IMO PSN Code: AIY
IMO Proper Shipping Name: AEROSOL DISPENSERS ?
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS
IMDG Page Number: 9022
UN Number: 1950
UN Hazard Class: 9?
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-13

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Detail IATA Information

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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: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI H

azard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label
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Product ID: ECO SURE OLIVE DRAB 14064, VOC-COMPLIANT
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 314-522-3141 800-424-9300(CHEMTREC)
Label Required IND: Y
Date Of Label Review: 05/15/1995
Status Code: C

MFG Label NO: UNKNOWN

Label Date: 05/15/1995

Origination Code: G

Signal Word: WARNING

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND
INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. PERMANENT BRAIN AND NERVOUS
SYSTEM DAMAGE. ANESTHETIC. IRRITATION TO SKIN AND RESPIRATORY TRACT. LIG HT
HEADEDNESS, STAGGERING GAIT, GIDDINESS AND POSSIBLE NAUSEA. HARMFUL IF
SWALLOWED. SEVE
RE EYE IRRITATION. IRRITATION TO EYES, THROAT, AND RESPIRATORY
TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING .

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