

LHB INDUSTRIES -- ECO SURE, OLIVE DRAB, 34088 (0674-341), 0672D

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6113
MSDS Date: 04/28/1995
MSDS Num: BXHCB
Product ID: ECO SURE, OLIVE DRAB, 34088 (0674-341), 0672D848
MFN: 03
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134
Info Phone Number: 314-522-3141/800-424-9300
Emergency Phone Number: 314-522-3141/800-424-9300
Preparer's Name: GREGORY K. 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
Type/Grade/Class: TYPE I
Unit of Issue: PT
UI Container Qty: 0
Type of Container: METAL
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Ingredients

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Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III) (CERCLA)
% Wt: 15.41
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 12.98
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 115-10-6
RTECS #: PM47800
00
Name: DIMETHYL ETHER
% Wt: 7.21
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 110-12-3
RTECS #: MP3850000
Name: 5-METHYL-2-HEXANONE
% Wt: 6.44
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 64742-95-6
RTECS #: ZE2190000
Name: AROMATIC 100
% Wt: 6.44
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 50 PPM

Cas: 64742-95-6
RTECS #: ZE2190000
Name: AROMATIC 150
% Wt: <3.22
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 5 PPM

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA 313) (CERCLA)
% Wt: <3.22
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 107-87-9
RTECS #: SA7875000
Name: 2-PENTANONE
% Wt: <3.22
Other REC Limits: NONE RECO
MMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM

Cas: 108-10-1
RTECS #: SA9275000
Name: 4-METHYL-2-PENTANONE
% Wt: <3.22
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 95-63-6
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE (SARA 313)
% Wt: <3.22
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 25 PPM

Cas: 7

1-36-3
RTECS #: EO1400000
Name: N-BUTANOL (SARA 313) (CERCLA)
% Wt: <3.22
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

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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 CONCENT
RATING & ;
INHALING CONTENTS MAY BE HARMFUL OR FATAL. IRRITATION TO EYES, THROAT AND
RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, VOMITING. IN CONFINED AREAS ,
VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC. HARMFUL IF SWALLOWED. SEVERE
EYE IRRITATION.
Signs And Symptions Of Overexposure: REPORTS HAVE ASSOCIATED REPEATED AND
PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND
NERVOUS SYSTEM DAMAGE. OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS,
STAGGERING GAIT
, GIDDI NESS AND POSSIBLE NAUSEA.
Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.
First Aid: SKIN OR CLOTHES: WASH WITH SOAP AND WATER. WASH CLOTHES BEFORE
REUSE. EYES: FLUSH WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN IMMEDIATELY.
INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID . NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR.
GIVE ARTIFICIAL RESPIRATION IF NECESSARY. GET MEDICAL AID.

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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 REGS. DON'T PUNCTURE, INCINERATE (BURN), STORE ABOVE 120F.
EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST.
DISCARD
EM PTY CAN IN TRASH PICKUP. DON'T PL

ACE INCOMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CONTENTS UNDER PRESSURE. DON'T STORE WHERE TEMPS >120F/48.9C. AVOID BREATHING SPRAY,MIST,VAPOR. AVOID SKIN/EYE CONTACT.

Other Precautions: AVOID 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 N TENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information

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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: WATE MAY BE INEFFECTIVE. USE TO KEEP FIRE EXPOSED CNTNRS COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING OF CO

NTAINER

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPERATURES (OVER 120F/48.9C) CNTNRS MAY VENT, RUPTURE, BURST. AEROSOL CNTNR. DON'T EXPOSE TO TEMPERATURE ABOVE 120F.

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Control Measures

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

Vapor Pres: 70 @ 68F

Vapor Density: >1.522

Volatile Org Conten

t %: 60
Spec Gravity: 1.182
Solubility in Water: INSOLUBLE
Appearance and Odor: OLIVE/PAINT

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: EXTREME HEAT.
Hazardous Decomposition Products: CARBON MONOXIDE
Hazardous Polymerization Indicator: NO

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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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Other Information: VOC: 60%; 581 G/L
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Transportation Information
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Responsible Party Code: 0FTT5
Trans ID NO: 126061
Product ID: ECO SURE, OLIVE DRAB, 34088 (0674-341), 0672D848
MSDS Prepared Date: 04/28/1995
Review Date: 06/15/1995
MFN: 3
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0
Type Of Container

: METAL

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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 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 Hazard 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, 34088 (0674-341), 0672D848

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

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

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: INTENTIONAL MISUSE BY DELIBERATE
Y CONCENTRATING &

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