

LHB INDUSTRIES -- ECO-SURE BROWN #30277 (0674-395)

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MSDS Safety Information
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FSC: 8010
NIIN: 01-337-3969
MSDS Date: 04/28/1995
MSDS Num: BZSZC
Product ID: ECO-SURE BROWN #30277 (0674-395)
MFN: 03
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: SAINT LOUIS M
O 63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 314-522-3141 OR 800-424-9300
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 1
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)
% Wt: <3.26
Other REC Limits: NONE RECOMME
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: 14.92
Other REC Limits: NONE RECOMME
OSHA PEL: 200 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 110-12-3
RTECS
#: MP3850000
Name: 5-METHYL 2-HEXANONE
% Wt: 6.53
Other REC Limits: NONE RECOMME
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 150
% Wt: <3.26
Other REC Limits: NONE RECOMME
OSHA PEL: 5 PPM
ACGIH TLV: 5 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 100
% Wt: 6.53
Other REC Limits: NONE RECOMME
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 108-10-1
RTECS #: SA9

275000

Name: 4-METHYL 2-PENTANONE (SARA III)

% Wt: <3.26

Other REC Limits: NONE RECOMME

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

% Wt: <3.26

Other REC Limits: NONE RECOMME

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

Cas: 95-63-6

RTECS #: DC3325000

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

% Wt: <3.26

Other REC Limits: NONE RECOMME

OSHA PEL: 25 P

PM

ACGIH TLV: 25 PPM

Cas: 71-36-3

RTECS #: EO1400000

Name: N-BUTANOL (SARA III)

% Wt: <3.26

Other REC Limits: NONE RECOMME

OSHA PEL: 50 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 115-10-6

RTECS #: PM4780000

Name: DIMETHYL ETHER

% Wt: 7.08

Other REC Limits: NONE RECOMME

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt:

12.74
Other REC Limits: NONE RECOMME
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

RTECS #: 9999999VO
Name: VOC: 60%, 584 G/L
Other REC Limits: NONE RECOMME

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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: CONCENTRATING & INHALING CONTENTS MAY BE
HARMFU
L/FATAL. REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE W/
PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. HIGH CONCENTRATING ANESTHETIC.
SKIN & RESPIRATORY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING,
GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.
Signs And Symptions 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 & WATER. WASH
CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINTUES.
CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWE D, DO NOT INDUCE
VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, GET FRESH AIR & GET
ARTIFICIAL REAPIRATION IF NECESSARY. GET MED AID. NEVER GIVE ANYTHING BY
MOUTH TO 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 IN ACCORD WITH FEDERAL, STATE, LOCAL
REGULATIONS. DO NOT PUNCTURE, INCINERATE, OR STORE ABOVE 120F. EXPOSURE TO
HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN
IN T RASH PICK-UP. DON'T PLACE IN HOME TRASHCOMPACTOR.
Handling And Storage Precautions: KEEP OUT OF REACH O

KEEP FROM CHILDREN. CONTENTS UNDER
PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F. AVOID BREATHING
SPRAY, MIST, OR VAPOR.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION.
READ ENTIRE LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY
CONCENTRATING & INHALING OR SWALLOWING CONTENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: NR

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 TO COOL FIRE EXPOSED
CONTAINER. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING,
RUPTURING OR VENTING OF CONTAINER.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (>120F) CONTAINER MAY VE
NT, RUPTURE, OR BURST. AEROSOL
CONTAINER; DO NOT 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 Equi

ipment: 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

Spec Gravity: 1.189 (WATER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: BROWN / PAINT
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Reactivity Data

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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Transportation Information
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Responsible Party Code: 0FTT5
Trans ID NO: 126996
Product ID: ECO-SURE BROWN #30277 (0674-395)
MSDS Prepared Date: 04/28/1995
Review Date: 07/08/1996
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 COMMO

DITY
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 BROWN #30277 (0674-395)
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: CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE W/ PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. HIGH CONCENTRATINGS ANESTHETIC. SKIN & RESPIRATO RY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING.

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