

LHB INDUSTRIES -- ECO SURE, RED, 11136 (0674-111), 0672D811

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6109
MSDS Date: 04/28/1995
MSDS Num: BXHBY
Product ID: ECO SURE, RED, 11136 (0674-111), 0672D811
MFN: 03
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: 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
Type of Container: METAL

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Ingredients
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Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA 313) (CERCLA)
% Wt: <21.82
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 14.51
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 115-10-6
RTECS #: PM4780000
Name: DIMETHYL ETHER
% Wt: 8
.06
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: 5.85
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 64742-95-6
RTECS #: ZE2190000
Name: AROMATIC 100
% Wt: 5.85
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 50 PPM

Cas: 64742-95-6
RTECS #: ZE2190

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Name: AROMATIC 150

% Wt: <2.93

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 5 PPM

Cas: 107-87-9

RTECS #: SA7875000

Name: 2-PENTANONE

% Wt: <2.93

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

Cas: 108-10-1

RTECS #: SA9275000

Name: 4-METHYL-2-PENTANONE

% Wt: <2.93

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 500

0 LBS

Cas: 95-63-6

RTECS #: DC3325000

Name: 1,2,4-TRIMETHYLBENZENE (SARA 313)

% Wt: <2.93

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 25 PPM

Cas: 71-36-3

RTECS #: EO1400000

Name: N-BUTANOL (SARA 313) (CERCLA)

% Wt: <2.93

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 Hazar

ds 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 &
INHALING CONTENTS MAY BE HARMFUL OR FATAL. IN CONFINED AREAS VAPORS IN HIGH
CONCENTRATION ARE ANESTHETIC. IRRITATION TO SKIN & RESPIRATORY TRACT. HAR
MFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptions Of Overexposure: REPORTS

HAVE ASSOCIATED REPEATED AND

PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN &
NERVOUS SYSTEM DAMAGE. OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS,
STAGGERING GAIT, GIDDINE SS 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. IF SWALLOWED, DO NOT INDUCE VOMITING. GET IMMEDIATE ME

DICAL

AID. IF INHALED, REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION IF

NECESSARY, 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 IGNITION SOURCES AND VENTILATE AREA. MOP
SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE OF IN ACCORD W/FEDERAL, STATE &
LOCAL

REGULATIONS. DON'T PUNCTURE, INCINERATE (BURN) OR STORE ABOVE 120F. EXPOSURE
TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CA
N IN TRASH PICK-UP. DON'T PLACE IN HOMECOMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN.

CAUTION-CONTENTS UNDER PRESSURE. DON'T STORE IN TEMPS >120F/48.9C. AVOID
BREATH SPRAY,MIST,VAPOR. AVOID SKIN/EYE CONTCT

Other Precautions: AVOID CONTACT WITH SKIN AND EYES. USE WITH GOOD VENTILATION.
READ ENTI

RE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING OR SWALLOWING CONTENTS 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: WATER MAY BE INEFFECTIVE. USE TO KEEP CONTAINERS COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. AT TEMPERATURE OVER 120F CONTAINER MAY VENT, RUPTURE, BURST. AEROSOL CONTAINER. 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 Content %: 65

Spec Gravity: 1.063

Solubility in Water: INSOLUBLE

Appearance and Odor: RED/PAINT

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT.

Hazardous Decomposition Product

ts: 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: 65%; 576 G/L
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Transportation Information
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Responsible Party Code: 0FTT5
Trans ID NO: 126047
Product ID: ECO SURE, RED, 1113
6 (0674-111), 0672D811
MSDS Prepared Date: 04/28/1995
Review Date: 06/22/1995
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, RED, 11136 (0674-111), 0672D811
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
Lab

el 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 DELIBERATELY CONCENTRATING &
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