

LHB INDUSTRIES -- ECO SURE, RED, 11105 (0674-110), 0672D810

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6110
MSDS Date: 04/28/1995
MSDS Num: BXHBZ
Product ID: ECO SURE, RED, 11105 (0674-110), 0672D810
MFN: 03
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: SAI
NT LOUIS MO 63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 314-522-3141 OR 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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In

gredients

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA 313) (CERCLA)
% Wt: <22.08
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: 14.58
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 115-10-6
RTECS #: PM4780000
Name: D
IMETHYL ETHER
% Wt: 8.10
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: 5.81
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 64742-95-6
RTECS #: ZE2190000
Name: AROMATIC 100
% Wt: 5.81
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 50 PPM

Cas: 64742

-95-6
RTECS #: ZE2190000
Name: AROMATIC 150
% Wt: <2.91
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 5 PPM

Cas: 107-87-9
RTECS #: SA7875000
Name: 2-PENTANONE
% Wt: <2.91
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: <2.91
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: <2.91
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: <2.91
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 CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL. IRRITATION TO SKIN AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. IN CONFINED AREAS VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC.

Signs And Symptoms Of Over

exposure: 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 & POSSIBLE NAUSEA.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: EYE: FLUSH WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN IMMEDIATELY.

SKIN OR CLOTHES: WASH WITH SOAP AND WATER. WASH CLOTHES BEFORE REUSE.

INGESTION: DO NOT INDUCE VOMITING. GET IMM

EDIATE MEDICAL AID. INHALATION:

REMOVE TO FRESH AIR AND 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 SOURCES OF IGNITION AND VENTILATE AREA. MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

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

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

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

Other Precautions: AVOID CONTACT WITH EYES & SKIN. USE WITH GOOD VENTILATIO

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

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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 WATER TO KEEP FIRE

EXPOSED CONTAINERS COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST

BURNING, RUPTURING, VENTING OF CONTAINERS

Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. AT ELEVATED

TEMPERATURES (OVER 120F/48.9C) CONTAINERS MAY VENT, RUPTURE, BURST. AEROSOL

CONTAINER. DON'T EXPOSE TO TEMP 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: >1.552

Volatile Org Content %: 65

Spec Gravity: 1.062

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

s 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: 65%; 575 G/L
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Transportation Information
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Responsible Party Code: 0FTT5

Trans ID NO: 126050

Product I

D: ECO SURE, RED, 11105 (0674-110), 0672D810

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: 3

0KGGROSS
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, 11105 (0674-110), 0672D810
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 800-424-9300 CHEM

TREC/ 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 DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL. IRRITATION TO SKIN AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. IN CONFINED AREAS VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC.

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