

LHB INDUSTRIES -- ECO SURE, GRAY, 16307 (0674-182), 0672D882

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MSDS Safety Information  
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FSC: 8010  
NIIN: 01-331-6117  
MSDS Date: 04/28/1995  
MSDS Num: BXHCF  
Product ID: ECO SURE, GRAY, 16307 (0674-182), 0672D882  
MFN: 03  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: SA  
INT 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

Ingredients

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Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE (SARA 313) (CERCLA)  
% Wt: &lt;22.12  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 74-98-6  
RTECS #: TX2275000  
Name: PROPANE  
% Wt: 14.53  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM

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Cas: 115-10-6  
RTECS #: PM4780000  
Name:  
DIMETHYL ETHER  
% Wt: 8.07  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED

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Cas: 110-12-3  
RTECS #: MP3850000  
Name: 5-METHYL-2-HEXANONE  
% Wt: 5.82  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 50 PPM  
ACGIH TLV: 50 PPM

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Cas: 64742-95-6  
RTECS #: ZE2190000  
Name: AROMATIC 100  
% Wt: 5.82  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 50 PPM

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Cas: 6474

2-95-6  
RTECS #: ZE2190000  
Name: AROMATIC 150  
% Wt: &lt;2.91  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 5 PPM  
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Cas: 107-87-9  
RTECS #: SA7875000  
Name: 2-PENTANONE  
% Wt: &lt;2.91  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 200 PPM  
ACGIH TLV: 200 PPM  
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Cas: 108-10-1  
RTECS #: SA9275000  
Name: 4-METHYL-2-PENTANONE  
% Wt: &lt;2.91  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 100 PPM  
ACGIH TLV: 50 PPM  
EPA Rpt Qty: 500  
0 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 95-63-6  
RTECS #: DC3325000  
Name: 1,2,4-TRIMETHYLBENZENE (SARA 313)  
% Wt: &lt;2.91  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 25 PPM  
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Cas: 71-36-3  
RTECS #: EO1400000  
Name: N-BUTANOL (SARA 313) (CERCLA)  
% Wt: &lt;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 THE CONTENTS MAY BE HARMFUL OR FATAL. IN CONFINED AREAS VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC. IRRITATION TO SKIN, EYES, THROAT AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. MAY CAUSE

HEADACHES, NAUSEA AND VOMITING.

Signs And Symptoms 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, GIDDINESS 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 AND 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 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. DO NOT PLACE IN COMPACTOR.

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

Other Precaut

ions: 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 NTENTS 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 CHEM  
ICAL, FOAM, SAND, WATER SPRAY.  
AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY.  
Fire Fighting Procedures: WATER MAY BE INEFFECTIVE. USE TO KEEP FIRE EXPOSED  
CNTNRS COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING,  
RUPTURING, VENTING OF CONTAINERS  
Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPS  
(ABOVE 120F) CONTAINERS MAY VENT, RUPTURE, 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 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: 1.065  
Solubility in Water: INSOLUBLE  
Appearance and Odor: GRAY/PAINT

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Reactivity Data  
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Stability Indi

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: 65%; 577 G/L  
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Transportation Information  
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Responsible Party Code: 0FTT5  
Trans ID NO: 126073  
Product ID: ECO SURE, GRAY, 16307 (0674-182), 0672D882  
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

I: 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, GRAY, 16307 (0674-182), 0672D882  
Cage: 0FTT5  
Company Name: LHB INDUSTRIES  
Street: 8833 FLEISCHER PLACE  
City: ST. LO

UIS 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 DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. IN CONFINED AREAS VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC. IRRITATION TO SKIN, EYES, THROAT AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. MAY CAUSE HEADACHES, NAUSEA AND VOMITING. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLV ENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGERING GAIT, GIDDINESS AND POSSIBLE NAUSEA.

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