

LHB INDUSTRIES -- ECO SURE GRAY 16187 GLOSS VOC-COMPLIANT SPR

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6116
MSDS Date: 10/01/1992
MSDS Num: BQSPN
Product ID: ECO SURE GRAY 16187 GLOSS VOC-COMPLIANT SPR
MFN: 01
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: S
T. LOUIS MO 63134
Info Phone Number: 314-522-3141/800-424-9300
Emergency Phone Number: 314-522-3141/800-424-9300
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 I
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 III)
% Wt: <19.84
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 110-12-3
RTECS #: MP3850000
Name: METHYL ISOAMYL KETONE
% Wt: 5.83
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM; 9293

Cas: 64
742-95-6
RTECS #: SE7546500
Name: AROMATIC 150
% Wt: <2.92
Other REC Limits: NONE SPECIFIED
OSHA PEL: 5 PPM
ACGIH TLV: 5 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 100
% Wt: 5.83
Other REC Limits: NONE SPECIFIED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE (SARA III)
% Wt: 2.92
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM/75 STEL
ACGIH TLV: 50 PPM/75 STEL; 9293

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PA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 107-87-9
RTECS #: SA7875000
Name: METHYL PROPYL KETONE
% Wt: 2.92
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM

Cas: 95-63-5
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE (SARA III)
% Wt: <2.92
Other REC Limits: NONE SPECIFIED
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 15.12
Other REC
Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 5.95
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 3.72
Other REC Limits: NONE SPECIFIED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

RTECS #: 9999999VO
Name: VOC: 67%
Other REC Limits: NONE SPECIFIED

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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-HARMFUL/FATAL.

REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS: PERMANENT
BRAIN & NERVOUS SYSTEM DAMAGE. HIGH VAPOR CONCENTRATIONS: ANESTHETIC.

SKIN & RESP TRACT IRRITATION. OVER

EXPOSURE: LIGHT HEADEDNESS,

STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF INGESTED. SEVERE EYE IRRIT.

Signs And Symptoms 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 AND WATER; WASH
CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES
AND CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. I

F SWALLOWED, DO NOT

INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR
& GIVE ARTIFICIAL RESPIRATION IF NEEDED. GET MED 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 ACCORDANCE WITH FEDERAL, STATE &
LOCAL REGULATIONS. DONT PUNCTURE, INCINERATE OR STORE ABOVE 120F. EXPOSURE TO
HEAT/PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BUST. DISCARD EMPTY CAN IN
TRASH PICK-UP. DONT PLACE IN HOME TRASHCOMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CAUTION
CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES EXCEED 120F. AVOID
BREATHING SPRAY, MIST OR VAPOR.

Other Precautions: AVOID CONTACT WITH EYES O
R SKIN. USE WITH GOOD VENTILATION.

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

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Fire and Explosion Hazard Information
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Flash Point Text: NR

Autoignition Temp Text: 874 F

Lower Limits: 1.8

Upper Limits: 9.5

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

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPERATURES (OVER 120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL CONTAINER, DO NOT EXPOSE TO TEMPS ABOVE 120 F.

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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: 60

Vapor Density: >1.5

Spec Gravity: .997 (WATER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: GRAY/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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Transportation Information
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Responsible Party Cage: 0FTT5
Trans ID NO: 126068
Product ID: ECO
SURE GRAY 16187 GLOSS VOC-COMPLIANT SPR
MSDS Prepared Date: 10/01/1992
Review Date: 03/17/1993
MFN: 1
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: 30KGG
ROSS
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: ALS
AFI Proper Shipping Name: AEROSOLS, NONFLAMMABLE, N.O.S.
AFI PSN Modifier: CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP I OR II
AFI Hazard Class: FORB
Back Pack Reference: FORBIDDEN

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HAZCOM Label

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Product ID: ECO SURE GRAY 16187 GLOSS VOC-COMPLIANT SPR
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-HARMFUL/FATAL.
REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS: PERMANENT
BRAIN & NERVOUS SYSTEM DAMAGE. HIGH VAPOR CONCENTRATIONS: ANESTHETIC.
SKIN & RESP TRACT IRRITATION. OVEREXPOSURE: LIGHT HEADEDNESS,
STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF INGESTED. SEVERE EYE
IRRITATION TO EYES, THROAT

AND RESPIRATORY TRACT. MAY CAUSE HEADACHES,
NAUSEA, AND VOMITING.

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