

LHB INDUSTRIES -- ECO SURE BLACK 17038 (674-190) AEROSOL

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6107
MSDS Date: 12/03/1993
MSDS Num: BXSDW
Product ID: ECO SURE BLACK 17038 (674-190) AEROSOL
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LO
UIS 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 1
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: <22.10
Other REC Limits: NONE RECOMMENDED
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: 5.82
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 6
4742-95-6
RTECS #: SE7546500
Name: AROMATIC 150
% Wt: <2.91
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 5 PPM
ACGIH TLV: 5 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 100
% Wt: 5.82
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE (SARA 313) (CERCLA)
% 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: 107-87-9
RTECS #: SA7875000
Name: METHYL PROPYL KETONE
% Wt: <2.91
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM

Cas: 95-63-6
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE (SARA 313)
% Wt: <2.91
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (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

Cas: 115-10-6
RTECS #: PM4780000
Name: DIMETHYL ETHER
% Wt: 8.09
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 14.56
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

RTECS #: 9999999VO
Name: VOC: 65%
Other REC Limits: NONE RECOMMENDED
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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
HARMFUL/FATAL.REPORTS ASSOCIATE REPEATED/PROLONGED OVEREXPOSURE
W/PERMANENT
BRAIN & NERVOUS
SYSTEM DAMAGE.IN CONFINED AREAS VAPOR IN HIGH
CONCENTRATION ANESTHE TIC.SKIN & RESP TRACT IRRITATION.LIGHT
HEADEDNESS,STAGGERING,GIDDINESS,NAUSEA.HARMFUL IF SWALLOWED.SEVERE EYE
IRRITATION
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 & WATER. WASH
CLOTHES BEFORE REUSE. FOR CONTA
CT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES
& CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLO WED, DO NOT
INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR
& GIVE ARTIFICIAL RESPIRATION IF NECESSARY & 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 S
OURCES OF IGNITION AND VENTILATE AREA.
MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.
Waste Disposal Methods: DISPOSE IN ACCORD W/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 TRA SH PICK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR.
Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CAUTION -
CONTENTS UNDER PRESSURE. DO NOT STORE WH

ERE TEMPERATURES MAY EXCEED 120F.

AVOID BREATHING SPRAY, MIST, VAPOR.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING. FOLLOW ALL 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: 6

62 F

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 CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED

TEMPERATURES (>120F) CONTAINERS MAY VENT, RUPTURE OR BURST

. AEROSOL

CONTAINER: DO NOT EXPOSE TO TEMPERATURES >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

ES 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: 1.063 (WATER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: BLACK / PAINT

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Reactivi

ty 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: 126040
Product ID: ECO SURE BLACK 17038 (674-190) AEROSOL
MSDS Prepared Date: 12/03/1993
Review Date: 06/07/1995
MFN: 4
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: CONSU

MER 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 BLACK 17038 (674-190) AEROSOL
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.IN CONFINED AREAS VAPOR IN HIGH
CONCENTRATION ANESTHETIC.SKIN & RESP TRACT IRRITA

TION.LIGHT

HEADEDNESS,STAGGERING,GIDDINESS,NAUSEA.HARMFUL IF SWALLOWED.SEVERE EYE
IRRITATIONIRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE
HEADACHES, NAUSEA AND VOMITING.

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