

LHB INDUSTRIES -- SO-SURE GLOSS GREEN 14062 (24-140) AEROSOL

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MSDS Safety Information
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FSC: 8010
NIIN: 00-079-3758
MSDS Date: 09/04/1992
MSDS Num: BRQLW
Product ID: SO-SURE GLOSS GREEN 14062 (24-140) AEROSOL
MFN: 02
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: 314-522-3141 800-424-9300(CHEMTREC)
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: TT-E-488C
Unit of Issue: PT
UI Container Qty: B

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Ingredients
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Cas: 8030-30-6
RTECS #: DE3030000
Name: VM & P NAPHTHA
% Wt: 6.33
Other REC Limits: NONE SPECIFIED
OSHA PEL: 500 PPM
ACGIH TLV: 300 PPM

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313)
% Wt: 17.00
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA 313)
% Wt: 25
.52
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA 313)
% Wt: < 1.58
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 100-41-4
RTECS #: DA0700000
Name: ETHYL BENZENE (SARA 313)
% Wt: < 1.58
Other REC Limits: NONE

SPECIFIED
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: 16.72
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 6.58
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 4.11
Other REC Limits: NONE SPECIFIED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA 313)
% Wt: 3.17
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 64742-94-5
RTECS #: SE7546500
Name: AROMATIC 150
% Wt: < 1.58
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM

RTECS #: 9999999VO
Name: VOC: 621 G/L
% Wt: 81
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: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING &
INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. REPORTS HAVE ASSOCIATED
REPEATED &a

mp; PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT
BRAI N & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CONCENT
ARE ANESTHETIC. IRRITATION TO SKIN & RESPIR TRACT.

Signs And Symptions Of Overexposure: IRRITATION TO EYES, THROAT &
RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, VOMITING. OVEREXPOSURE MAY
RESULT IN LIGHT HEADEDNESS, STAGGERING GAIT, GIDDINESS & POSSIBLE NAUSEA.
HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Medical Cond Aggravate

d By Exposure: RESPIRATORY AILEMENTS.

First Aid: FOR CONTACT WITH SKIN OR CLOTHES WASH WITH SOAP & WATER; WASH
CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES
& CONTACT A PHYSICIAN/OPATHALAOLOGIST IMMEDIATELY. IF SWALLOW ED, DO NOT
INDUCE VOMITING, GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR
& GIVE CPR 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 & VENTILATE AREA.
MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, FEDERAL
REGULATIONS. DON'T PUNCTURE, INCINERATE 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 HOME

TRASH COMPACT.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN! CAUTION - CONTENTS UNDER PRESSURE. AVOID BREATHING VAPORS/SPRAY MISTS. AVOID CONTACT WITH SKIN OR EYES.

Other Precautions: USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING OR SWALLOWING CONTENTS MAY BE HARMFUL OR FATAL. AVOID CONTACT WITH SKIN OR EYES.

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Fire and Explosion Hazard Information

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Autoignition Temp Text: 874 F

Lower Limits: 1.8

Upper Limits: 9.5

Extinguishing Media: CO2, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.

Fire Fighting Procedures: WATER INEFFECTIVE. WATER USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. AT ELEVATED TEMP (OVER 120F) CONTAINERS MAY VENT. RUPTURE OR BURST. AEROSOL CONTAINER; DON'T EXPOSE TO TEMPERATURES 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: IMPERVIOUS 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@68F/20C

Vapor Density: > 1.5

Spec Gravity: 0.924P;0.768A

Solubility in Water: INSOLUBLE

Appearance and Odor: GLOSS GREEN, PAINT ODOR

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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 Code: 0FTT5
Trans ID NO: 46331
Product ID: SO-SURE GLOSS GREEN 14062 (24-140) AEROSOL
MSDS Prepared Date: 09/04/1992
Review Date: 09/03/1993
MFN: 2
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: B
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Detail DOT Information
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DOT PSN Code: DTJ
S

ymbols: 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 Ri
sk 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: SO-SURE GLOSS GREEN 14062 (24-140) AEROSOL
Cage: 0FTT5
Company Name: LHB I

INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

Health Emergency Phone: 314-522-3141 800-424-9300(CHEMTREC)

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 & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT

BRAI N & NERVOUS

SYSTEM DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CONCENT

ARE ANESTHETIC. IRRITATION TO SKIN & RESPIR TRACT. IRRITATION TO EYES, THROAT & RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, VOM ITING.

OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGERING GAIT, GIDDINESS & POSSIBLE NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

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