

LHB INDUSTRIES -- SO-SURE GREEN 24233 (14-247)

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-965-2390  
MSDS Date: 04/16/1992  
MSDS Num: BNTNG  
Product ID: SO-SURE GREEN 24233 (14-247)  
MFN: 02  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: ST. LOUIS MO 6313  
4  
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  
Unit of Issue: BX  
Quantitative Expression: 00000000012EA  
UI Container Qty: G

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Ingredients  
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Cas: 8030-30-6  
RTECS #: DE3030000  
Name: VM & P NAPHTHA  
% Wt: 4.33  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM

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Cas: 64742-94-5  
RTECS #: SE7546500  
Name: AROMATIC 150  
% Wt: &lt;1.44  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 100 PPM

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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE (SARA III)  
% Wt: 30.02  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 200 PPM/15  
0 STEL  
ACGIH TLV: 50 PPM; 9293  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE (SARA 313)  
% Wt: 18.05  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1000PPM  
ACGIH TLV: 750PPM/1000STEL;9293  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 74-98-6  
RTECS #: TX2275000  
Name: PROPANE  
% Wt: 16.72  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM

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Cas: 7

5-28-5  
RTECS #: TZ4300000  
Name: ISOBUTANE  
% Wt: 4.11  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 800 PPM  
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Cas: 106-97-8  
RTECS #: EJ4200000  
Name: BUTANE (SARA 313)  
% Wt: 6.58  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 800 PPM  
ACGIH TLV: 800 PPM  
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RTECS #: 9999999VO  
Name: VOC: 82%; 651 G/L4  
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: CONCENTRATE/INHALE CONTENTS HARMFUL/FATAL. REPORTS  
ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERM  
BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATIONS ARE ANESTHE  
TIC. IRRITATE SKIN/RESPIRATORY TRACT/LIGHT HEADEDNESS/STAGGER/GIDDY/NAUSEA.  
INGEST-HARMFUL. 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: SKIN/CLOTHES: WASH W/SOAP/WATER; WASH CLOTHES BEFORE REUSE. EYES:  
FLUSH W/WATER 15 MIN/CONTACT PHYSICIAN/OPHTHALMOLOGIST IMMEDIATE. INGEST: DO NOT  
INDUCE VOMITING. GET IMMEDIATE AID. INHALE: MOVE TO FRESH AIR /ARTIFICIAL  
RESPIRATION IF NEEDED. 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 IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND  
FEDERAL REGULATIONS. DO NOT PUNCTURE/INCINERATE/STORE ABOVE 120F. EXPOSURE TO  
HEAT/PROLONGED SUN EXPOSURE: CAN MAY BURST. DISCARD EMPTY CA  
N IN TRASH

PICK-UP. DO NOT PUT INTO HOME TRASHCOMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN.

CAUTION-CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPS MAY EXCEED 120F.  
AVOID BREATHING SPRAY/MIST/VAPORS.

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

Autoignition Temp Text: 874F

Lower Limits: 1.8

Upper Limits: 9.5

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.

Fire Fighting Procedures: WATER INEFFECTIVE/USED TO COOL CONTAINERS. WEAR  
SELF-CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT PERSONNEL  
AGAINST BURST/RUPTURE/VENT CONTAINERS.

Unusual

Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED  
TEMPERATURE (OVER 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: ACCEPTABLE AT POINT OF MIST  
OR SPRAY RELEASE.

Pr

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 HYGIENE. DO NOT EAT, DRINK, OR SMOKE WHILE USING PRODUCT.

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Physical/Chemical Properties  
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Vapor Pres: 60 @ 68 F

Vapor Density: >1.5

Spec Gravity: .977 (WATER=1)

Solubility in Water: INSOLUBLE

Ap

pearance and Odor: GREEN/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, AND POSSIBLE HYDROGEN CHLORIDE.

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: 95451

Product ID: SO-SURE GREEN 24233 (14-247)

MSDS Prepared Date: 04/16/1992

Review Date: 08/21/1992

MFN: 2

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: BX

Container QTY: G  
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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: 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: 20  
3  
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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 GREEN 24233 (

14-247)  
Cage: 0FTT5  
Company Name: LHB 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: CONCENTRATE/INHALE CONTENTS HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERM BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATION S ARE ANESTHETIC. IRRITATE SKIN/RESPIRATORY TRACT/LIGHT HEADEDNESS/STAGGER/GIDDY/NAUSEA. INGEST-HARMFUL. SEVERE EYE IRRITATION. IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING.

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