

LHB INDUSTRIES -- SO-SURE YELLOW 13538 AEROSOL

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MSDS Safety Information
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FSC: 8010
NIIN: 00-721-9744
MSDS Date: 03/25/1993
MSDS Num: BSSJK
Product ID: SO-SURE YELLOW 13538 AEROSOL
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 631
34
Info Phone Number: 314-522-3141
Emergency Phone Number: 800-424-9300 CHEMTREC/ 314-522-3141
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: PT
UI Container Qty: 0

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Ingredients
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Cas: 1330-2

0-7
RTECS #: ZE2100000
Name: XYLENE (SARA III)
% Wt: 3.24
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 8030-30-6
RTECS #: DE3030000
Name: VM&P NAPHTHA
% Wt: 6.49
Other REC Limits: NONE SPECIFIED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM

Cas: 64742-94-5
RTECS #: SE7546500
Name: AROMATIC 150
% Wt: <1.62
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: 18.66
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA III)
% Wt: 24.73
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: 750 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 100-4

1-4

RTECS #: DA0700000

Name: ETHYLBENZENE (SARA III)

% Wt: <1.62

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: 4.11

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH T

LV: 800 PPM

Cas: 106-97-8

RTECS #: EJ4200000

Name: N-BUTANE

% Wt: 6.58

Other REC Limits: NONE SPECIFIED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM

RTECS #: 9999999VO

Name: VOC: 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

IAR

C: NO

OSHA: NO

Effects of Exposure: CONCENTRATING & INHALING CONTENTS HARMFUL/FATAL.

REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS ASSOCIATED WITH PERMANENT BRAIN

& NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS, HIGH CONCENTRATION ARE ANESTHETIC. SKIN & RESPIRATORY TRACT IRRIT. LIGHT HEADED, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. 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 & WATER; WASH CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES & CONTACT PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED , DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. GET MEDICAL AID. NEVER GIVE ANYTHING BY MOUTH TO 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 ACCORD WITH 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 TRASH

PICK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR.

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

Other Precautions: 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 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: 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 COOL FIRE EXPOSED CONTAINER. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL FROM BURSTING

NG,
RUPTURING OR VENTING OF CONTAINERS.
Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE OR 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: 60 @ 68F
Vapor D
ensity: >1.5
Spec Gravity: 0.921 (WATER=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: YELLOW / 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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Toxicologica
I 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: 83125
Product ID: SO-SURE YELLOW 13538 AEROSOL
MSDS Prepared Date: 03/25/1993
Review Date: 03/04/1994
MFN: 4
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0
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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 Pas

senger: 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: SO-SURE YELLOW 13538 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 HARMFUL/FATAL.
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information

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