

LHB INDUSTRIES -- SO-SURE YELLOW 33538 (54-330) P/N 052C830

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MSDS Safety Information
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FSC: 8010
NIIN: 00-764-8434
MSDS Date: 08/01/1993
MSDS Num: BTGFL
Product ID: SO-SURE YELLOW 33538 (54-330) P/N 052C830
MFN: 04
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: 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
Specification Number: TT-E-516A
Unit of Issue: PT
UI Container Qty: 0
Type of Container: METAL
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Ingredient

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Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 14.91
Other REC Limits: NONE SPECIFI
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 7758-97-6
RTECS #: GB2975000
Name: LEAD CHROMATE (SARA 313)
% Wt: 7.21
Other REC Limits: NONE SPECIFI
OSHA PEL: 0.05 MG/M3
ACGIH TLV: 0.05 MG/M3

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA III)
% Wt: 24.89
Other REC Limits: NONE SPECIFI
OSHA PEL: 1000 PPM
ACGIH TLV: 750 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: 16.46
Other REC Limits: NONE SPECIFI
OSHA PEL: 200 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA III)
% Wt: 3.60
Other REC Limits: NONE SPECIFI
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rp

t Qty: 1000 LBS

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 5.87
Other REC Limits: NONE SPECIFI
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 3.67
Other REC Limits: NONE SPECIFI
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

Cas: 78-83-1
RTECS #: NP9625000
Name: ISOBUTYL ALCOHOL (SARA III)
% Wt: 1.80
Other REC Limits: NONE SPECIFI
OSHA PEL: 50 PPM
ACGI
H TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 8032-32-4
RTECS #: OI6180000
Name: PETROLEUM HYDROCARBON MIX LIGROIN
% Wt: 7.21
Other REC Limits: NONE SPECIFI
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 100-41-4
RTECS #: DA0700000
Name: ETHYL BENZENE (SARA III)
% Wt: <1.80
Other REC Limits: NONE SPECIFI
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

RTEC

S #: 9999999VO

Name: VOC: 81%

Other REC Limits: NONE SPECIFI

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: CONCENTRATING & INHAL MAY BE HARMFUL/FATAL.

REPEATED/PROLONGED: PERM BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREA,
HIGH CONCENTRTN ANESTHETIC. RESP TRACT &
& SKIN IRRIT. LIGHT HEADED,

STAGGERING, GID DY, NAUSEA. HARMFUL IF SWALLOWED, SEVERE EYE IRRIT. SEVERE
BLOOD FORMING, NERVOUS, URINARY, REPRODUCTIVE SYSTEMS DAMAGE.

Explanation Of Carcinogenicity: REPEATED AND PROLONGED OVEREXPOSURE TO
RELATIVELY INSOLUBLE CHROMATES MAY CAUSE LUNG CANCER.

Signs And Symptions Of Overexposure: IRRITATION TO EYES, THROAT AND RESPIRATORY
TRACT. MAY CAUSE HEADACHES, NAUSEA, 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 IMMEDIATEMEDICAL AID. IF INHALED, REMOVE TO FRESH AIR
& GIVE ARTIFICIAL RESPIRATION IF NECESSARY AND 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 ABOSRBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE IN ACCORDANCE W/FEDERAL, STATE & LOCAL
REGULATIONS. DO NOT PUNCTURE, INCINERATE OR STORE > 120F. EXPOSURE TO HEAT
OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN
TRAS H PICK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR.

Handling And Storage Pre

cautions: KEEP OUT OF REACH OF CHILDREN. CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120 F. AVOID BREATHING SPRAY, MIST OF 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 & 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 CONTAINERS. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL FROM BURSTING, RUPTURING, 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; DON'T EXPOSE TO TEMPS 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.

Supplemental Safety and Health: CONTAINS LEAD: DRIED FILM OF THIS PRODUCT MAY BE HARMFUL IF EATEN OR CHEWED. DON'T USE ON TOYS OR FURNITURE OR SURFACES OR OTHER ARTICLES WHICH MIGHT BE CHEWED BY CHILDREN. DO NOT APPLY ON EXTERIOR SURFACES OF DW

ELLING (WINDOWSILLS, PORCHES, STAIRS, RAILING TO WHICH CHILDREN
MAY BE COMMONLY EXPOSED).

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Physical/Chemical Properties
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Vapor Pres: 60 @ 68F
Vapor Density: >1.5
Spec Gravity: 0.961 (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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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: 84886
Product ID: SO-SURE YELLOW 33538 (54-330) P/N 052C830
MSDS Prepared Date: 08/01/1993
Review Date: 12/16/1993
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: CONSUMER COMMODITY
Hazard Clas

s: 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: SO-SURE YELLOW 33538 (54-330) P/N 052C830
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 & INHAL MAY BE HARMFUL/FATAL.

REPEATED/PROLONGED: PERM BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREA,
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STAGGERING, GID DY, NAUSEA. HARMFUL IF SWALLOWED, SEVERE EYE IRRIT
. SEVERE

BLOOD FORMING, NERVOUS, URINARY, REPRODUCTIVE SYSTEMS DAMAGE.IRRITATION TO
EYES, THROAT AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, V OMITING.

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