

LHB INDUSTRIES -- SO-SURE YELLOW 13618-14B131(G/O)

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-721-9745  
MSDS Date: 02/01/1991  
MSDS Num: BTTHV  
Product ID: SO-SURE YELLOW 13618-14B131(G/O)  
MFN: 03  
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(CHEMTRE)  
Preparer's Name: ED LANSER/STEVEN WENGER  
Review Ind: Y  
Published: Y

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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-665D  
Unit of Issue: PT  
UI Container Qty: 0

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Ingredients  
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Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENES (O-,M-,P- ISOMERS) (SARA III)  
% Wt: 2  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM/150STEL;9394  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS  
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Cas: 64742-89-8  
Name: NAPHTHA, LIGHT ALIPHATIC  
% Wt: 3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM  
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Cas: 64742-94-5  
Name: HEAVY AROMATIC NAPHTHA (MIXED AROMATIC SOLVENTS C9-C16)  
% Wt: 3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 300 PPM(VM&PNAPHTHA)  
ACGIH TLV: 300 PPM(VM&PNAPHTHA)  
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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE (SARA III)  
% Wt: 30  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 200 PPM; Z-2  
ACGIH TLV: S, 50 PPM; 9394  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS  
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Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE (SARA III)  
% Wt: 15  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 1000PPM  
ACGIH TLV: 750PPM/1000STEL;9394  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 74-98-6  
RTECS #: TX2275000  
Name: PROPANE  
% Wt: 19  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 1000 PPM  
ACGIH TLV: ASPHYXIAN; 9394  
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Cas: 75-28-5  
RTECS #: TZ4300000  
Name: ISOBUTANE  
% Wt: 4  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 106-97-8  
RTECS #: EJ4200000  
Name: BUTANE  
% Wt: 7  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 800 PPM  
ACGIH TLV: 800 PPM; 9394  
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Cas: 111-76-2  
RTECS #: KJ8575000  
Name: 2-BUTOXYETHANOL  
% Wt: 2  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: S, 50 PPM  
ACGIH TLV: S,  
25 PPM; 9394  
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Cas: 1343-90-4  
RTECS #: OM4360000  
Name: MAGNESIUM SILICATE  
% Wt: 3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 2 MG/M3  
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Cas: 13463-67-7  
RTECS #: XR2275000  
Name: TITANIUM DIOXIDE  
% Wt: 7  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 10 MG/M3 TDUST; 9394  
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Health Hazards Data  
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LD50 LC50 Mixture: LD50 FOR THIS PRODUCT IS NOT ESTABLISHED

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES:MAY CAUSE SEVERE IRRITATION.SKIN:MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION.CHRONIC:MAY CAUSE BRAIN AND CNS DAMAGE.

Explanation Of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CA

RCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptoms Of Overexposure: INHAL:ANETHETIC EFFECT(LIGHTHEADEDNESS,STAGGERING GAIT,GIDDINESS,POSSIBLE NAUSEA).

Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXISTING RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET

PROMPT QUALIFIED MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedures: ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.WASH SPILL AREA TO REMOVE SLIPPINESS.

Neutralizing Agent: NONE

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: STORE AT TEMPERATURES BELOW 120F.FOLLOW LABEL DIRECTIONS.

Other Precautions: AVOID SKIN AND EYE CONTACT.DO NOT INHALE VAPORS/MISTS.

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Fire and Explosion Hazard Information

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Flash Point Text: -156F,-104C

Lower Limits: 1.8

Upper Limits: 9.5

Extinguishing Media: DRY CHEMICAL,CARBON DIOXIDE,FOAM

.WATER IS INEFFECTIVE AS  
AN EXTINGUISHANT.

Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL  
PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard: CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.

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Control Measures  
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Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED  
SPACES USE A NIOSH/MS

HA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION  
TO MAINTAIN TLV/PEL.

Protective Gloves: CHEMICALLY RESISTANT

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE  
WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS.SEPERATE WORK CLOTHES FROM STREET  
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safe  
ty and Health: NONE  
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Physical/Chemical Properties  
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HCC: V3

Decomp Text: UNKNOWN

Vapor Pres: 4136

Vapor Density: >1

Spec Gravity: >1

Solubility in Water: NEGLIGIBLE

Appearance and Odor: AEROSOL.BLUE PAINT.

Percent Volatiles by Volume: 85

Corrosion Rate: UNKNOWN  
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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: STORE AT TEMPERATURES BELOW 120F.

Materials To Avoid: MANUFACTURER STATES NONE.

Hazardous Decomposition Products: CARBON DIOXIDE,CARBON MONOXIDE,POSSIBLY  
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: 83138  
Product ID: SO-SURE YELLOW 13618-14B131(G/O)  
MSDS Prepared Date: 02/01/1991  
Review Date: 08/18/1994  
MFN: 3  
AF MMAC Code: NR  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: PT  
Container QTY: 0  
Additional Data: FP=-156F.  
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Detail DOT Information  
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DOT PSN Code: AGC  
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,  
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.1  
UN ID Num: UN1950  
Label: FLAMMABLE GAS  
Special Provision: N82  
Non Bulk Pack: NONE  
Bulk Pack: NONE  
Max Qty Pass: 75 KG  
Max Qty Cargo: 150 KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 40,48,85  
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Detail IMO Information  
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IMO PSN Code: AIY  
IMO Proper Ship

ping Name: AEROSOL DISPENSERS ?  
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS  
IMDG Page Number: 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  
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HAZCOM Label  
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Product ID: SO-SURE YELLOW 13618-14B131(G/O)  
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(CHEMTRE)  
Label Required IND: Y  
Date Of Label Review: 08/18/1994  
Status Code: C  
MFG Label NO: UNKNOWN  
Label Date: 08/18/1994  
Origination Code: F  
Eye Protection IND: YES  
Ski

n Protection IND: YES  
Signal Word: WARNING  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Moderate  
Reactivity Hazard: None

Hazard And Precautions: EYES:MAY CAUSE SEVERE IRRITATION.SKIN:MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION.CHRONIC:MAY CAUSE BRAIN AND CNS DAMAGE. STORE AT TEMPERATURES BELOW 120F.FOLLOW LABELDIRECTIONS. FIRST AID: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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