

LHB INDUSTRIES -- SO-SURE BLUE 15080-148150(G/O)

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MSDS Safety Information
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FSC: 8010
NIIN: 00-721-9747
MSDS Date: 02/01/1991
MSDS Num: BTTHW
Product ID: SO-SURE BLUE 15080-148150(G/O)
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 6
3134
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: 64742-89-8
Name: NAPHTHA, LIGHT ALIPHATIC
% Wt: 2
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt:

25

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

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA III)

% Wt: 10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000PPM

ACGIH TLV: 750PPM/1000STEL;9394

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 19

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

A

CGIH TLV: ASPHYXIAN; 9394

Cas: 75-28-5

RTECS #: TZ4300000

Name: ISOBUTANE

% Wt: 4

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 106-97-8

RTECS #: EJ4200000

Name: BUTANE

% Wt: 7

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM; 9394

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

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)

Cas: 1343-90-4

RTECS #: OM4360000

Name: MAGNESIUM SILICATE

% Wt: 2

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH

TLV: 2 MG/M3

Cas: 13463-67-7

RTECS #: XR2275000

Name: TITANIUM DIOXIDE

% Wt: 2

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

OS

HA: 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 CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptoms Of Overexposure: INHAL:ANETHETIC

EFFECT(LIGHTHEADEDNESS,STAGGERING GAIT,GIDDINESS,POSSIBLE NAUSEA).

Medical Cond Aggravated B

y 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

Autoignition Temp Text: 874F

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/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

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

Prot

ective 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 Safety 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.
Hazardo
us 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: 83161
Pr

Product ID: SO-SURE BLUE 15080-148150(G/O)

MSDS Prepared Date: 02/01/1991

Review Date: 08/18/1994

MFN: 4

Net Unit Weight: UNKNOWN

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)

Haz

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 Shipping 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 C

argo: 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 BLUE 15080-148150(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
Skin Protection IND: YES
Signal Word: DANGER
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: No

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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 A RTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITI

NG.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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