

LHB INDUSTRIES -- SO SURE OLIVE DRAB 34088 (54-341)

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MSDS Safety Information
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FSC: 8010
NIIN: 00-848-9272
MSDS Date: 04/23/1992
MSDS Num: BPGBK
Product ID: SO SURE OLIVE DRAB 34088 (54-341)
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS M
O 63134
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
Specification Number: TT-E-516A
Unit of Issue: PT
UI Container Qty: 0
Type of Container: METAL

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Ingredients
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Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE(SARA 313)
% Wt: 3.50
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313)
% Wt: 14.66
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA 313)
% Wt: 25.97
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 100-41-4
RTECS #: DA0700000
Name: ETHYLBENZENE (SARA 313)
% Wt: 1.75
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: 1

4.91

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM

Cas: 75-28-5

RTECS #: TZ4300000

Name: ISOBUTANE

% Wt: 5.87

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 800 PPM

Cas: 106-97-8

RTECS #: EJ4200000

Name: N-BUTANE

% Wt: 3.67

Other REC Limits: NONE SPECIFIED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM

Cas: 78-83-1

RTECS #: NP9625000

Name: ISOBUTYL ALCOHOL

% Wt: 1.7

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Other REC Limits: NONE SPECIFIED

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM; 9293

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 110-19-0

RTECS #: AI4025000

Name: ISOBUTYL ACETATE

% Wt: 1.75

Other REC Limits: NONE SPECIFIED

OSHA PEL: 150 PPM

ACGIH TLV: 150 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 8032-32-4

RTECS #: OI6180000

Name: PETROLEUM HYDROCARBON MIX LIGROIN

% Wt: 6.99

Other REC Limits: NONE SPECIFIED

OSHA PEL: 100 PPM

ACGIH TLV: 300 PPM

RTECS #: 9999999VO

Name: VOC: 646 MG/L

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 W/PE
RMANENT

BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREA/HIGH CONCENTRATIONS ARE
ANESTHETIC. IRRITATION TO SKIN/RESPIRATORY TRACT. HARMFUL IF SWALLOWED.
SEVERE EYE IRRITATION.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT, AND
RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. OVEREXPOSURE
MAY RESULT IN LIGHT HEADEDNESS, STAGGER, GIDDINESS, NAUSEA.

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 IMMEDIATELY. INGEST:
DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. INHALE: MOVE TO FRESH
AIR/ARTIFICIAL RESPIRATION IF NEEDED. MEDICAL 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 VENTLIATE AREA.
MO

P SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: IN ACCORDANCE W/APPLICABLE LOCAL, STATE AND FEDERAL
REGULATIONS. DO NOT PUNCTURE/INCINERATE/STORE ABOVE 120F. EXPOSURE TO
HEAT/PROLONGED EXPOSURE TO SUN: CONTAINER MAY BURST. DISCARD EMPTY IN TRASH
PI CK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR.

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

CAUTION-CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120F. AVOID BREATHING
SPRAY/MIST/VAPOR. AVOID CO

NTACT W/EYES/SKIN.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION.
READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL
MISUSE BY 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.
AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY.
Fire Fighting Procedures: WATER INEFFECTIVE/USED TO COOL EXPOSED CONTAINERS.
WEAR SELF-CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM
BURST/RUPTURE/VENT OF CONTAINERS.
Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (OVER 120F) CONTAINERS MAY VENT, RUPTURE, OR BURST. AEROSOL
CONTAINER: DO NOT 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: 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 Density: >1.5
Spec Gravity: 0.950 (WATER=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: OLIVE/PAINT
Percent Volatiles by Volume: 81

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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: 88555
Product ID: SO SURE OLIVE DRAB 34088 (54-341)
MSDS Prepared Date: 04/23/1992
Review Date: 09/04/1992
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 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: 203

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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 OLIVE DRAB 34088 (54-341)

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 W/PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREA/HIGH CONCENTRATIONS ARE ANESTHETIC. IRRITATION TO SKIN/RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGER, GIDDINESS, NAUSEA.

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