

LHB INDUSTRIES -- SO SURE OLIVE DRAB 14084 (44-141)

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MSDS Safety Information
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FSC: 8010
NIIN: 00-846-5117
MSDS Date: 04/23/1992
MSDS Num: BPGBJ
Product ID: SO SURE OLIVE DRAB 14084 (44-141)
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-489H
Type/Grade/Class: NA
Unit of Issue: PT
UI Container Qty: 0

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Ingredients
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Cas: 100-41-4
RTECS #: DA0700000
Name: ETHYL BENZENE (SARA 313)
% Wt: <1.49
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
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: 24.54
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (SARA 313)
% Wt: 2.98
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt

: 18.88
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 7.43
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 4.64
Other REC Limits: NONE SPECIFIED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

Cas: 64475-85-0
RTECS #: PY8240000
Name: MINERAL SPIRITS
% Wt
: <1.49
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 64742-95-6
RTECS #: SE7546000
Name: AROMATIC 100
% Wt: <1.49
Other REC Limits: NONE SPECIFIED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (SARA 313)
% Wt: 1.49
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 110-12-3
RTECS #: MP3850000
Name: METHYL ISOAMYL KETONE
% Wt: 1.49
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM; 9293

Cas: 8032-32-4
RTECS #: OI6180000
Name: PETROLEUM HYDROCARBON MIX LIGROIN
% Wt: <1.49
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

RTECS #: 9999999VO
Name: VOC: 82%; 609 AG/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: YES
IARC: YES
OSHA: YES

Effects of Exposure: CONCENTRATE/INHALE CONTENT HARMFUL/FATAL. REPORTS
ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE-SOLVENTS W/PERM
BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATION-ANESTHETIC.
IRRI TATE: SKIN RESPIRATORY TRACT. OVEREXPOSURE: LIGHT
HEADED/STAGGER/GIDDY/N

AUSEA. HARMFUL-SWALLOWED. SEVERE EYE IRRITATE.*

Signs And Symptions Of Overexposure: IRRITATE EYES/THROAT/RESPIRATORY TRACT.
HEADACHES/NAUSEA/VOMIT. *CONTAINS LEAD. DRIED FILM HARMFUL IF EATEN/CHEWED.
DO NOT USE ON TOYS/FURNITURE/WINDOWSILLS/PORCHES/STAIRS/RAILINGS/SURFACES
CHILDREN E XPOSED TO. CHRONIC EXPOSURE TO LEAD: SEVERE DAMAGE TO BLOOD
FORMING/NERVOUS/URINARY/REPRODUCTIVE SYSTEMS/LUNG CANCER.

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 VENTILATE AREA.

MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL
REGULATIONS. DO NOT PUNCTURE/INCINERATE/STORE ABOVE 120°F. EXPOSURE TO
HEAT/PROLONGED EXPOSURE TO SUN: CAN MAY BURST. DISCARD EMPTY IN TRASH
PICK-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 WHERE TEMPERATURES MAY
EXCEED

120°F. AVOID BREATHING
SPRAY/MIST/VAPOR.

Other Precautions: AVOID CONTACT WITH EYES/SKIN. USE WITH GOOD VENTILATION.

READ ENTIRE LABEL BEFORE USING. FOLLOW ALL 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.

Fire Fighting Procedures: WATER INEFFECTIVE/USED TO COOL CONTAINERS. WEAR
SELF-CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT PERSONNEL FROM
BURST/RUPTURE/VENT CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (OVER 120°F) CONTAINERS MAY VENT/RUPTURE/BURST. AEROSOL CONTAINER;
DO NOT EXPOSE TO TEMPERATURE ABOVE 120°F.

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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: 0.904

Solubility in Water: INSOLUBLE

Appearance and Odor: OLIVE DRAB/PAINT

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: EX

TREME 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:

88499

Product ID: SO SURE OLIVE DRAB 14084 (44-141)

MSDS Prepared Date: 04/23/1992

Review Date: 08/28/1992

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 C

argo: 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 14084 (44-141)
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 CONTENT HARMFUL/FATAL. REPORTS
ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE-SOLVENTS W/PERM
BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATION-ANESTHETIC.
IRRI TATE: SKIN RESPIRATORY TRACT. OVEREXPOSURE: LIGHT
HEADED/STAGGER/GIDDY/NAUSEA. HARMFUL-SWALLOWED. SEVERE EYE IRRITATE.*
IRRITATE EYES/THROAT/RESPIRATORY TRACT. HEADACHES/NAUSEA/VOMIT. *CO

NTAINS

LEAD. DRIED FILM HARMFUL IF EATEN/CHEWED. DO NOT USE ON TOYS/FURNITURE/WINDOWSILLS/PORCHES/STAIRS/RAILINGS/SURFACES CHILDREN EXPOSED TO. CHRONIC EXPOSURE TO LEAD: SEVERE DAMAGE TO BLOOD FORMING/NERVOUS/URINARY/REPRODUCTIVE SYSTEMS/LUNG CANCER.

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