

LHB INDUSTRIES -- SO-SURE OLIVE DRAB 24084 (0034-241) #0032C841

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MSDS Safety Information
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FSC: 8010
NIIN: 00-598-5936
MSDS Date: 12/11/1995
MSDS Num: CCJVW
Product ID: SO-SURE OLIVE DRAB 24084 (0034-241) #0032C841
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City:
SAINT LOUIS MO 63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 314-522-3141 OR 800-424-9300
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
Unit of Issue: PT
UI Container Qty: 0

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Ingredients
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Cas: 1330-20-7

RTECS #: ZE2100000

Name: XYLENE (SARA III)

% Wt: <2.08

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 III)

% Wt: 14.63

Other REC Limits: NONE SPECIFIED

OSHA PEL: 200 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA III)

% Wt: 12.9

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1000 PPM

ACGIH TLV: 750 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 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: 4.64

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 800 PPM

Cas: 106-97-8

RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 7.43
Other REC Limits: NONE SPECIFIED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

Cas: 64475-85-0
RTECS #: PY8240000
Name: MINERAL SPIRITS
% Wt: 10.38
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 74399-21-7
RTECS #: OF7525000
Name: LEAD (SARA III)
% Wt: 5.18
Other REC Limits: NONE SPECIFIED
OSHA PEL: 0.05 MG/M3
ACGIH TLV: 15 MG/M3

Cas: 64742-9
5-6
RTECS #: SE7546500
Name: AROMATIC 150
% Wt: <2.08
Other REC Limits: NONE SPECIFIED
OSHA PEL: 5 PPM
ACGIH TLV: 5 PPM

Cas: 64742-95-6
RTECS #: SE7546500
Name: AROMATIC 100
% Wt: 4.15
Other REC Limits: NONE SPECIFIED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 7440-47-3
RTECS #: GB4200000
Name: CHROMIUM (SARA III)
% Wt: <2.08
Other REC Limits: NONE SPECIFIED
OSHA PEL: 0.5 MG/M3
ACGIH TLV: 0.5 MG/M3
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1

LB

Cas: 95-63-6
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE (SARA III)
% Wt: <2.08
Other REC Limits: NONE SPECIFIED
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM

Cas: 20344-49-4
Name: MEDIUM CHROME YELLOW 489/DCC1
% Wt: 4.15
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1 PPM
ACGIH TLV: 1 PPM

Cas: 1314-41-6
RTECS #: OG5425000
Name: RED LEAD GRADE 97
% Wt: 2.08
Other REC Limits: NONE SPECIFIED
OSHA PEL: 0.05 MG(
PB)/M3
ACGIH TLV: 0.05 MG(PB)/M3

Cas: 12656-85-8
RTECS #: QA4600000
Name: MOLY ORANGE 664/OCC160
% Wt: <2.08
Other REC Limits: NONE SPECIFIED
OSHA PEL: 5 MB(MO)/M3
ACGIH TLV: 1 PPM

RTECS #: 9999999VO
Name: VOC: 494 G/L
% Wt: NA
Other REC Limits: NONE SPECIFIED
OSHA PEL: NA
ACGIH TLV: NA
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Health Hazards Data
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Route Of Entry

Inhs - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inhs - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: CONC & INHAL CONTENTS HARMFUL/FATAL.REPEATD/ PROLONGD OVEREXPOSURE W/PERM BRAIN & NERV SYS DAMAGE.IN CONFINED AREA,HIGH CONCENTRATN ANESTHETIC.SKIN & RESP TRACT IRRIT.LIGHT HEADED,STAGGER,GIDDY, NAUSE A.HARMFUL IF SWALLOWED/CHEWED.SEVERE EYE IRRIT. SEVERE BLOOD FORMING DAMAGE, URINARY, NERVOUS, REPRODUCTIVE SYS DAMAGE.

Explanation Of Carcinogenicity: CONTA

INS 2-A [53-96-3] WHICH

IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Signs And Symptions Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND 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 S

WALLOWED, DO NOT INDUCE

VOMITING. GET IMMEDIATE MEDICAL AID. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. GET MED 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 ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods:

DISPOSE OF IN ACCORD W/FEDERAL, STATE, & LOCAL REGULATIONS. DON'T PUNCTURE, INCINERATE OR STORE ABOVE 120F. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN T RASH PICK-UP. DON'T PLACE IN HOME TRASHCOMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F. AVOID BREATHING SPRAY, MIST OR 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 AND INHALING OR SWALLOWING CO NTENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: NR

Lower Limits: 1.8

Upper Limits: 9.5

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY

Fire Fighting Pr

cedures: WATER MAY BE INEFFECTIVE, USE TO COOL FIRE EXPOSED
CONTAINERS. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING,
RUPTURING OR VENTING OF CONTAINER
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 EXPOSED 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
STATIONS.
Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DO NOT EAT, DRINK, OR SMOKE
WHILE USING PRODUCT.
Supplemental Safety and Health: CONTAINS LEAD. D
RIED FILM OF THIS PRODUCT MAY
BE HARMFUL IF EATEN OR CHEWED. DO NOT USE ON TOYS, FURNITURE OR SURFACES OR
OTHER ARTICLES WHICH MIGHT BE CHEWED BY CHILDREN. DO NOT APPLY ON EXTERIOR
SUR FACES OF DWELLING (WINDOWSILLS, PORCHES, STAIRS, RAILINGS.)

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Physical/Chemical Properties
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HCC: V3
B.P. Text: NA
M.P/F.P Text: NA
Decomp Text: NA
Vapor Pres: 60 @ 68F
Vapor Density: >1.5
Spec Gra
vity: 1.036 PAINT
PH: NA
Solubility in Water: INSOLUBLE
Appearance and Odor: OLIVE DRAB PAINT
Corrosion Rate: NA

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: EXTREME HEAT
Materials To Avoid: NA
Hazardous Decomposition Products: CARBON MONOXIDE AND POSSIBLE HYDROGEN
CHLORIDE
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NA
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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: 78976
Product ID: SO-SURE OLIVE DRAB 24084 (0034-241) #0032C841
MSDS Prepared Date: 12/11/1995
Review Date: 09/24/1996
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 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 EXCEED
ING 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: P
4
Back Pack Reference: A6.3

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HAZCOM Label

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Product ID: SO-SURE OLIVE DRAB 24084 (0034-241) #0032C841
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 314-522-3141 OR 800-424-9300
Label Required IND: Y
Date Of Label Review: 10/12/1999
Status Code: A
Origination Code: G
Hazard And Precautions: CONC & INHAL

CONTENTS HARMFUL/FATAL.REPEATD/
PROLONGD OVEREXPOSURE W/PERM BRAIN & NERV SYS DAMAGE.IN CONFINED
AREA,HIGH CONCENTRATN ANESTHETIC.SKIN & RESP TRACT IRRIT.LIGHT
HEADED,STAGGER,GIDDY, NAUSE A.HARMFUL IF SWALLOWED/CHEWED.SEVERE EYE IRRIT.
SEVERE BLOOD FORMING DAMAGE, URINARY, NERVOUS, REPRODUCTIVE SYS DAMAGE.

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