

LHB INDUSTRIES -- SO-SURE ORANGE 12197 (0014-120)

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MSDS Safety Information
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FSC: 8010
NIIN: 00-584-3148
MSDS Date: 10/02/1997
MSDS Num: CGXLT
Product ID: SO-SURE ORANGE 12197 (0014-120)
MFN: 04
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: 800-424-9300 CHEMTREC/ 314-522-3141
Preparer's Name: ROBIN C. GANNON
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: 108-88-3
RTECS #:

XS5250000

Name: TOLUENE (SARA 313) (CERCLA)

% Wt: 25.25

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 16.72

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA 313) (CERCLA)

% Wt: 11.27

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

AC

GIH TLV: 750 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 8032-32-4

RTECS #: OI6180000

Name: VM&P NAPHTHA

% Wt: 14.43

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 300 PPM

ACGIH TLV: 300 PPM

Cas: 106-97-8

RTECS #: EJ4200000

Name: N-BUTANE

% Wt: 6.58

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM

Cas: 75-28-5

RTECS #: TZ4300000

Name: 2-METHYL PROPANE

% Wt: 4.11

Other RE

C Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 800 PPM

Cas: 8052-41-3

RTECS #: WJ8925000

Name: STODDARD SOLVENT

% Wt: 3.61

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM

ACGIH TLV: 100 PPM

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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 E

xposure: EYE: IRRIT. SKIN: IRRIT. INHAL: RESPIRATORY TRACT AND

THROAT IRRIT, HEADACHE, NAUSEA, VOMIT, HARMFUL, FATAL, BRAIN/NS DAMAGE,
ANESTHETIC, LIGHTHEADED, STAGGERING GAIT, GIDDY, NAUSEA. INGEST: HARMFUL.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS

First Aid: EYE: FLUSH W/WATER FOR 15 MINUTES. SKIN: WASH W/SOAP & WATER.

WASH CLOTHES BEFORE REUSE. INHAL: REMOVE TO FRESH AIR. ARTIFICIAL RESPIRATION
IF NEEDED. INGEST: DONT INDUCE VOMIT. IN ALL CASES, GET IMME D MED AID

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Handling and Disposal

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Spill Release Procedures: REMOVE IGNIT SOURCES. VENTILATE AREA. MOP SPILL
W/INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE AND LOCAL
REGULATIONS. DONT PUNCTURE, INCINERATE OR STORE >120F. EXPOSURE TO HEAT OR
SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TRASH PICK-UP. DONT PLAC E
IN HOME T

RASH COMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CAUTION:
CONTENTS UNDER PRESSURE. DONT STORE >120F.

Other Precautions: USE W/GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING.
FOLLOW ALL LABEL DIRECTIONS.

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Fire and Explosion Hazard Information

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Flash Point Text: -156F,-104C

Autoignition Temp Text: 847F

Lower Limits: 1.8

Upper Limits: 9.5

Extinguish

ing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.

AVOID SPREADING ANY BURNING LIQUID W/WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE. USE WATER TO KEEP CONTAINERS COOL. USE SCBA. USE SHIELDING TO PROTECT AGAINST BURSTING, RUPTURING OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DONT SPRAY NEAR OPEN FLAME. AT TEMPS >120F CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL CONTAINERS: DONT EXPOSE TO TEMPS >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: REQUIRED

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS CLOTHES TO PROTECT SKIN, EYEWASH STATION.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DONT EAT, DRINK OR SMOKE WHILE USING PRODUCT.

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Physical/Chemical Properties

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B.P. Text: NA

M.P/F.P Text: NA

Decomp Text: NA

Vapor Pres: 60 @ 68F

Vapor Density: >1.5

Spec Gravity: 0.754 (AEROSOL)

PH: NA

VOC Grams/Liter: 525

Viscosity: NA

Solubility in Water: INSOLUBLE

Appearance and Odor: ORANGE 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 HYDROCHLORIDE.
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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Other Information
: VOC = 525 G/L
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Transportation Information
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Responsible Party Code: 0FTT5
Trans ID NO: 77978
Product ID: SO-SURE ORANGE 12197 (0014-120)
MSDS Prepared Date: 10/02/1997
Review Date: 04/15/1998
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 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: A6.3

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HAZCOM Label

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Product ID: SO-SURE

ORANGE 12197 (0014-120)

Cage: 0FTT5

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Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

Health Emergency Phone: 800-424-9300 CHEMTREC/ 314-522-3141

Label Required IND: Y

Date Of Label Review: 10/12/1999

Status Code: A

Origination Code: G

Hazard And Precautions: EYE: IRRIT. SKIN: IRRIT. INHAL: RESPIRATORY TRACT AND THROAT IRRIT, HEADACHE, NAUSEA, VOMIT, HARMFUL, FATAL, BRAIN/NS DAMAGE, ANESTHETIC, LIGHTHEADED, STAGGERING GAIT, GIDDY, NAUSEA. INGEST: HARMFUL.

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