

LHB INDUSTRIES -- SO-SURE SILVER 17178 (0014-160)

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MSDS Safety Information
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FSC: 8010

NIIN: 00-721-9751

MSDS Date: 11/14/1996

MSDS Num: CGNGP

Product ID: SO-SURE SILVER 17178 (0014-160)

MFN: 05

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: GREGORY M. MCGOWAN

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: A-A-665D

Unit of Issue: PT

UI Container Qty: 0

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Ingredients
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Cas: 8030-30-6

RTECS #: DE3030000

Name: VM&P NAPHTHA (NIOSH #OI6180000)

% Wt: 5.29%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 300 PPM

ACGIH TLV: 300 PPM

Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA III)(NIOSH #XS5250000)

% Wt: 26.63%

Other REC Limits: NONE RECOMMENDED

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)(NIOSH

#AL3150000)

% Wt: 30.97%

Other REC Limits: NONE RECOMMENDED

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 (NIOSH #TX2275000)

% Wt: 16.72%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM

Cas: 75-28-5

RTECS #: TZ4300000

Name: 2-METHYL PROPANE (NIOSH #TZ4300000)

% Wt: 4.11%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLIS

HED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE (NIOSH #EJ4200000)
% Wt: 6.58%
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 800 PPM
ACGIH TLV: 800 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 Exposure: INHAL: HEADACHE, VOMIT, HARMFUL,
UL, FATAL, BRAIN/NS DAMAGE,
ANESTHETIC, RESPIRATORY TRACT IRRITATION, LIGHT HEADEDNESS, STAGGERING GAIT,
GIDDINESS, NAUSEA. INGEST: HARMFUL. SKIN: IRRITATION. EYE: IRRITATION.
Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.
First Aid: SKIN: WASH WITH SOAP AND WATER. WASH CLOTHES BEFORE REUSE. EYE:
FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGEST: DONT INDUCE
VOMIT. GET MEDICAL ATTENTION. INHAL: GET FRESH AIR. ARTIFICIAL RESPIRATION
IF NEEDED. GET MEDICAL ATTENTION.

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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 IN ACCORDANCE W/FEDERAL, STATE, LOCAL
REGULATIONS. DONT PUNCTURE, INCINERATE OR STORE >120F. EXPOSURE TO HEAT OR
PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN
TRASH
PI CK-UP. DONT PLACE IN HOME TRASH COMPACTOR.
Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN.
CAUTION-CONTENTS UNDER PRESSURE. DONT STORE WHERE TEMPERATURE MAY EXCEED
120F. AVOID BREATHING SPRAY, MIST OR VAPORS.
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 CONTENTS MAY
BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: PROPELLANT 156F*

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 MAY BE INEFFECTIVE. USE WATER TO COOL

CONTAINERS. WEAR SCBA. USE SHIELDING TO PROTECT

PERSONNEL FROM BURSTING,

RUPTURING OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DONT SPRAY NEAR OPEN FLAME. AT ELEVATED

TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL

CONTAINER: DONT EXPOSE TO TEMPERATURE >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: RECOMMENDED

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS CLOTHES TO PROTECT SKIN. EYE WASH

STATION.

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

WHILE USING PRODUCT.

Supplemental Safety and Health: *LIQUID PORTION 24F/4.4C.

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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: 0.728 (WATER=1)

PH: NA

VOC Grams/Liter: 438

Viscosity: NA

Solubility in Water: INSOLUBLE

Appearance and Odor: SILVER 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

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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 Transportation Information
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Regulatory Information
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Other Information
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Other Information: VOC = 438 G/L
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Transportation Information
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Responsible Party Code: 0FTT5
Trans ID NO: 83200
Product ID: SO-SURE SILVER 17178 (0014-160)
MSDS Prepared Date: 11/14/1996
Review Date: 01/13/1998
MFN: 5
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 Infor
mation
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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 SILVER 17178 (0014-160)
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emerg

ency 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: INHAL: HEADACHE, VOMIT, HARMFUL, FATAL, BRAIN/NS
DAMAGE, ANESTHETIC, RESPIRATORY TRACT IRRITATION, LIGHT HEADEDNESS,
STAGGERING GAIT, GIDDINESS, NAUSEA. INGEST: HARMFUL. SKIN: IRRITATION. EYE:
IRRITATION.

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