

LHB INDUSTRIES -- SO-SURE WINDSHIELD CLEANER, 0854-000

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MSDS Safety Information
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FSC: 6850
NIIN: 00-926-2275
MSDS Date: 01/30/1996
MSDS Num: CBTRQ
Product ID: SO-SURE WINDSHIELD CLEANER, 0854-000
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: SAINT LO
UIS 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: CLEANING COMPOUND,WINDSHIELD
Unit of Issue: PT
UI Container Qty: B
Type of Container: BOTTLE

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Ingredients
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Cas: 67-56-1
RTECS #: PC1400000
Name: METHYL ALCOHOL (METHANOL) (SARA III)
% Wt: 72.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

RTECS #: 9999999VO
Name: VOC: 624 G/L
% Wt: 73.0
Other REC Limits: NONE RECOMMENDED
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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: INGEST:POISONOUS. AFFECT OPTIC NERVE (BLINDNESS) MENTAL
SLUGGISHNESS, NAUSEA, VOMITING (LEADING TO SEVERE ILLNESS, POSSIBLY DEATH
(HUMANS). PRACTICALLY NON-TOXIC TO ANIMALS. INHALTN: EXTREMELY HIGH LE VELS
CAN CAUSE STUPOR, HEADACHE, NAUSEA, DIZZINESS, UNCONSCIOUSNESS. SKIN: DRYING,
BRITTLINESS, CRACKING, IRRITATION*
Signs And Symptions Of Overexposure: IRRITATION T
O EYES FROM DIRECT SPRAY INTO
EYES. NAUSEA AND DIZZINESS FROM EXCESSIVE INHALATION. * EYE: INJURY (MAY
PERSIST FOR SEVERAL DAYS). LIQUID AND VAPOR IN HIGH CONCENTRATIONS CAUSES
IRRITATION, TEARING, & BURNING SENSATION.
Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS. OPEN CUTS AND SORES.
First Aid: SKIN/CLOTHES CONTACT, WASH W/SOAP & WATER. EYE CONTACT, FLUSH
W/WATER FOR 15 MINS, CONSULT DR./OPHTHALMOLOGIST IF IRRITATION PERSISTS. IF
SWALLOWED, INDUCE VOMITING OF CON
SCIOUS PATIENT IMMEDIATELY BY GIVING 2
GLASSES WATER & PRESSING FINGER DOWN THROAT. CONTACT DR. IMMEDIATELY. IF
INHALED REMOVE TO FRESH AIR. IF BREATH STOPPED, GIVE ARTIF RESPIR, THEN
OXYGEN IF NECESSARY. CONTACT DR. IMMEDIATELY.
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Handling and Disposal
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Spill Release Procedures: REMOVE IGNITION SOURCES & VENT AREA. IF FIRE
POTENTIAL EXISTS,BLANKET SPILL W/FOAM OR WATER S

PRAY TO DISPERSE VAPOR.

CONTAIN SPILL TO MINIMIZE CONTAMINATED AREA & FACILITATE SALVAGE/DISPOSAL. TO CLEAN UP SPILL, FLUSH SPARKING W/WATER OR USE ABSORBENT.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, & LOCAL REGULATIONS.

Handling And Storage Precautions: KEEEP OUT OF REACH OF CHILDREN. STORE IN COOL, WELL VENTILATED AREA. DO NOT EXPOSE TO TEMPERATURES ABOVE 120F. KEEP FROM HEAT, SPARKS, AND FLAME.

Other Precautions: AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

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Fire and Explosion Hazard Information
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Flash Point Method: TOC

Flash Point Text: 64.0F, 17.8C

Lower Limits: 5.5

Upper Limits: 36.5

Extinguishing Media: CO2, DRY CHEMICAL, FOAM, SAND, WATER SPRAY. WATER MAY BE INEFFECTIVE, USE TO COOL FIRE EXPOSED STRUCTURE/CONTAINER.

Fire Fighting Procedures:

WEAR SCBA & COMPLETE PERSONAL PROTECT EQUIP WHEN POTENTIAL FOR EXPOSURE TO VAPOR EXISTS. WTR SPRAY CAN BE USED TO REDUCE INTENSITY OF FLAMES & DILUTE TO NONFLAMM

Unusual Fire/Explosion Hazard: VAPOR HEAVIER THAN AIR & CAN TRAVEL DISTANCE TO IGNITION SOURCE & FLASHBACK. MAT'L CAN BURN W/LITTLE/NO VISIBLE FLAME. AVOID SPREADING BURNING LIQ W/WATER SPRAY.

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Control Measures
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Respiratory Protection: NONE BELOW TLV

Ventilation: LOCAL EXHAUST: PREFERRED. MECHANICAL (GENERAL): NOT RECOMMENDED.

Protective Gloves: NEOPRENE OR RUBBER

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Protective Equipment: USE IMPERVIOUS BODY COVERING WHERE SPILLS OR SPLASHING CAN OCCUR.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DO NOT INGEST.

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Physical/Chemical Properties
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HCC: F2

B.P. Text: 174F,79C

M.P/F.P Text: <-148F,<-10

Vapor Pres: 96.0

Vapor Density: 1.11

Spec Gravity: 0.867 (WATER=1)

Evaporation Rate & Reference: 2.0 (BUAC=1)

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR BLUE LIQUID; ALCOHOL ODOR

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS, FLAME

Materials To Avoid: SULFURIC

ACID, OXIDIZING AGENTS SUCH AS HYDROGEN PEROXIDE,
NITRIC ACID, PERCHLORIC ACID & CHROMIUM TRIOXIDE.

Hazardous Decomposition Products: NORMAL COMBUSTION PRODUCTS FROM BURNING:
CARBON MONOXIDE, CARBON DIOXIDE.

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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Transporta

tion Information

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Responsible Party Cage: 0FTT5

Trans ID NO: 92278

Product ID: SO-SURE WINDSHIELD CLEANER, 0854-000

MSDS Prepared Date: 01/30/1996

Review Date: 09/18/1996

MFN: 4

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: PT

Container QTY: B

Type Of Container: BOTTLE

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Detail DOT Information

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DOT PSN Code: JEZ

Symbols: I

DOT

Proper Shipping Name: METHANOL
DOT PSN Modifier: METHYL ALCOHOL SEE METHANOL
Hazard Class: 3
UN ID Num: UN1230
DOT Packaging Group: II
Label: FLAMMABLE LIQUID, POISON
Special Provision: T8
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 1 L
Max Qty Cargo: 60 L
Vessel Stow Req: B
Water/Ship/Other Req: 40

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Detail IMO Information
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IMO PSN Code: JPB
IMO Proper Shipping Name: METHANOL
IMDG
Page Number: 3251
UN Number: 1230
UN Hazard Class: 3.2
IMO Packaging Group: II
Subsidiary Risk Label: TOXIC
EMS Number: 3-06
MED First Aid Guide NUM: 306

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Detail IATA Information
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IATA PSN Code: QHQ
IATA UN ID Num: 1230
IATA Proper Shipping Name: METHANOL
IATA UN Class: 3
Subsidiary Risk Class: 6.1
IATA Label: FLAMM. LIQ. & TOXIC
UN Packing Group: II
Packing Note Passenger: 305
Max
Quant Pass: 1L
Max Quant Cargo: 60L
Packaging Note Cargo: 307
Exceptions: A104, A113

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Detail AFI Information
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AFI PSN Code: QHQ
AFI Proper Shipping Name: METHANOL OR METHYL ALCOHOL
AFI Hazard Class: 3
AFI UN ID NUM: UN1230
AFI Packing Group: II
AFI Label: 6.1
Special Provisions: P4
Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: SO-SURE WINDSHIELD CLEANER, 0854-000

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: INGEST:POISONOUS. AFFECT OPTIC NERVE (BLINDNESS) MENTAL
SLUGGISHNESS, NAUSEA, VOMITING (LEADING TO SEVERE ILLNESS, POSSIBLY DEATH

(HUMANS). PRACTICALLY NON-TOXIC TO ANIMALS. INHALTN: EXTREMELY HIGH LE VELS
CAN CAUSE STUPOR, HEADACHE, NAUSEA, DIZZINESS, UNCONSCIOUSNESS. SKIN: DRYING,
BRITTLINESS, CRACKING, IRRITATION*

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