

LHB INDUSTRIES -- SO-SURE WINDSHIELD CLEANER

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MSDS Safety Information  
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FSC: 6850  
NIIN: 00-926-2275  
MSDS Date: 03/01/1994  
MSDS Num: BVGMP  
Product ID: SO-SURE WINDSHIELD CLEANER  
MFN: 03  
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: 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  
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Address: 8833 FLEISCHER PLACE  
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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: 72.68  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 200 PPM  
ACGIH TLV: 200 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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RTECS #: 9999999VO  
Name: VOC: 633 G/L  
Other REC Limits: NONE RECOMMENDED  
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Health Hazards Data  
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Route Of Entry Inds - In

halation: 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 TO EYES FROM DI RECT SPRAY INTO EYES. NAUSEA AND DIZZINESS FROM EXCESSIVE INHALATION.

\* EYE: INJURY

(M AY 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 MINUTES & CONSULT PHYSICIAN/OPHTHALMOLOGIST IF IRRITATION PERSISTS. IF SWALLOWED, IN

DUCE VOMITING OF CONSCIOUS PATIENT IMME DIATELY BY GIVING 2 GLASSES OF WATER & PRESSING FINGER DOWN THROAT. CONTACT DR IMMEDIATELY. IF INHALED, REMOVE TO FRESH AIR. IF BREATH STOPPED, GIVE ARTIF RESP, THEN OXYGEN IF NEEDED. CONTACT DR IMMED

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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 SPRAY 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: F5

B.P. Text: 174F,79C

M.P/F.P Text: &lt;32F,&lt;0C

Vapor Pres: 96

Vapor Density: 1.11

Spec Gravity: 0.866 (WATER=1)

Viscosity: WATER LIKE

Evaporation Rate & Reference: 2 (BU AC=1)

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR BLUE LIQUID; ALCOHOL ODOR

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS, FLAME

Mat

erials 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

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 0FTT5

Trans ID NO: 92277

Product ID: SO-SURE WINDSHIELD CLEANER

MSDS Prepared Date: 03/01/1994

Review Date: 09/26/1994

MFN: 3

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: PT

Container QTY: B

Type Of Container: BOTTLE

Detail DOT Information

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 Pass  
enger: 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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City: ST. LOUIS MO

Zipcode: 63134

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

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: INGEST:POISONOUS. AFFECT OPTIC NERVE (BLINDNESS) MENTAL  
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