

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: 07/16/1992  
MSDS Num: BNTMS  
Product ID: SO SURE WINDSHIELD CLEANER  
MFN: 01  
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: 314-522-3141 800-424-9300(CHEMTREC)  
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 (SARA 313)  
% Wt: 72.68  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: S,200PPM/250STEL  
ACGIH TLV: S,200PPM/250STEL; 93  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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RTECS #: 9999999VO  
Name: VOC: 72%; 633 G/L  
Other REC Limits: NONE SPECIFIED  
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Health Hazards Data  
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LD50 LC50 Mix  
ture: LD50,RATS:7.5G/KG;LC50. \*  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: INGEST: POISONOUS/BLINDNESS/MENTAL  
SLUGGISHNESS/NAUSEA/VOMITING/SEVERE ILLNESS/DEATH. INHALE: EXTREMELY HIGH  
LEVELS CAUSE STUPOR/HEADACHE/DIZZINESS/UNCONSCIOUSNESS. SKIN: NON-IRRITATING.  
REPEATED/PROLONGED CONTACT: DRYING/BRITTLINESS/CRACKING/IRRITATION. EYE:  
INJURY PERSIST SEVERAL DAYS. IRRITATION/TEARING/BURNING.

Signs And

Symptoms Of Overexposure: IRRITATION TO EYES FROM DIRECT SPRAY INTO  
EYES. NAUSEA AND DIZZINESS FROM EXCESSIVE INHALATION. \*INHALE: LC50, RATS: 4  
HRS: 64,000 PPM. DERMAL: LD50, RABBITS: 20G/KG.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS. OPEN CUTS AND SORES.

First Aid: SKIN/CLOTHES: WASH W/SOAP/WATER. EYES: FLUSH W/WATER 15  
MINUTES/CONSULT PHYSICIAN/OPHTHALMOLOGIST IF IRRITATION PERSISTS. INGEST:  
INDUCE VOMITING OF CONSCIOUS PATIENT IMMEDIATELY BY GIVING 2 GLASSES W  
AT

ER/PRESSING FINGER DOWN THROAT. CONTACT PHYSICIAN IMMEDIATELY. INHALE:  
REMOVE PATIENT FROM CONTAMINATED AREA. IF BREATHING STOPPED, GIVE ARTIFICIAL  
RESPIRATION/OXYGEN IF NEEDED. CONTACT DR. IMMED.

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Handling and Disposal  
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. IF  
FIRE POTENTIAL EXISTS, BLANKET SPILL WITH FOAM OR USE WATER SPRAY TO DISPERSE  
VAP

ORS. CONTAIN SPILL, FLUSH AREA SPARINGLY WITH WATER OR USE AN ABS ORBENT.  
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE  
AND FEDERAL REGULATIONS.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. STORE IN  
COOL/WELL VENTILATED AREA. DO NOT EXPOSE TO TEMPERATURES ABOVE 120F. KEEP  
FROM HEAT/SPARKS/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 CHEM/FOAM/SAND/WATER SPRAY. AVOID SPREAD BURN  
LIQUID W/SPRAY. WATER INEFFECTIVE-USED TO COOL STRUCTURES/VESSELS.

Fire Fighting Procedures: WEAR SCBA/COMPLETE PERSONEL PROTECTIVE EQUIPMENT.  
WATER SPRAY USED TO REDUCE INTENSITY OF  
FLAMES AND TO DILUTE SPILLS TO  
NONFLAMMABLE MIXTURES.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL  
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASHBACK. MATERIAL CAN  
BURN WITH LITTLE OR NO VISIBLE FLAME.

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Control Measures  
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Respiratory Protection: NONE BELOW TLV.

Ventilation: LOCAL EXHAUST: PREFERRED

Protective Gloves: NEOPRENE/RUBBER

Eye Protecti

on: 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 @ 20 C

Vapor Density: 1.11

Spec Gravity: .879 (WATER=1)

Viscosity: WATER LIKE

Evaporation Rate

& Reference: 2 (BU AC=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 AND CHROMIUM TRIOXIDE.

Hazardous Decomposition Products: NORMAL COMBUSTI  
ON PRODUCTS FROM BURNING.

CARBON MONOXIDE, AND 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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Transportation Information  
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Responsible Party Cage: 0FTT5

Trans ID NO: 92275

Product ID: SO SURE WINDS

HIELD CLEANER

MSDS Prepared Date: 07/16/1992

Review Date: 08/18/1992

MFN: 1

Tech Entry NOS Shipping Nm: METHANOL SOLUTION

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: GJR

Symbols: G

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, TOXIC, N.O.S.

Hazard Class: 3

UN ID Num: UN1992

DOT Packaging Group: I

I  
Label: FLAMMABLE LIQUID, POISON  
Special Provision: T18  
Non Bulk Pack: 202  
Bulk Pack: 243  
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: HIT  
IMO Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. o  
IMDG Page Number: 3232-1  
UN Number: 3286  
UN Hazard Class: 3.2  
IMO Packaging Group: I/II  
Subsidiary Ris  
k Label: TOXIC, CORROSIVE  
EMS Number: 3-03  
MED First Aid Guide NUM: T

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Detail IATA Information  
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IATA PSN CK  
IATA UN ID Num: 1992  
IATA Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, N.O.S. \*  
IATA UN Class: 3  
Subsidiary Risk Class: 6.1  
IATA Label: FLAMMABLE LIQUID & TOXIC  
UN Packing Group: II  
Packing Note Passenger: 305  
Max Quant Pass: 1L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 307

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Detail AFI Information  
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AFI PSN CK  
AFI Symbols: \*  
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, POISONOUS, N.O.S.  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1992  
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

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

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

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/BLINDNESS/MENTAL

SLUGGISHNESS/NAUSEA/VOMITING/SEVERE ILLNESS/DEATH. INHALE: EXTREMELY HIGH LEVELS CAUSE STUPOR/HEADACHE/DIZZINESS/UNCONSCIOUSNESS. SKIN: NON-IRRITATING.

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