

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

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MSDS Safety Information
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FSC: 6850
NIIN: 01-368-5489
MSDS Date: 01/30/1996
MSDS Num: CBTXS
Product ID: SO-SURE WINDSHIELD CLEANER, 0854-000
MFN: 01
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: S9G
Item Name: CLEANING COMPOUND,WINDSHIELD
Specification Number: O-C-1901
Type/Grade/Class: NONE
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container

: METAL DRUM

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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. SKI
N: DRYING,
BRITTLENESS, CRACKING, IRRITATION
Signs And Symptions Of Overexposure: IRRITATION TO 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 M

INS, CONSULT DR./OPHTHALMOLOGIST IF IRRITATION PERSISTS. IF SWALLOWED, INDUCE VOMITING OF CONSCIOUS 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: REMO

VE 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 TEMPERATUR

RES 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.

Supplemental Safety and Health: FP-D

(LEVIEN) NOTES THAT THE HCC FOR INTERNATIONAL IS F5;THE HCC FOR DOMESTIC IS F3;LD50 ORAL RAT FOR METHANOL IS 5628 MG/KG.

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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 BL
UE 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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Transportation Information
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Responsible Party Code: 0FTT5
Trans ID NO: 129895
Product ID: SO-SURE WINDSHIELD CLEANER, 0854-000
MSDS Prepared Date: 01/30/1996
Review Date: 04/20/1998
MFN: 1
Multiple

KIT Number: 0
Review IND: Y
Unit Of Issue: DR
Container QTY: 1
Type Of Container: METAL DRUM

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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, BRITTLENESS, CRACKING, IRRITATION

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