

LHB INDUSTRIES -- PENETRATING FLUID

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MSDS Safety Information
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FSC: 6850
NIIN: 00-985-7180
MSDS Date: 01/18/1996
MSDS Num: CFNBX
Product ID: PENETRATING FLUID
MFN: 02
Responsible Party
Cage: OFTT5
Name: LHB INDUSTRIES
Address: 10440 TRENTON AVENUE
City: ST LOUIS MO 63132
Info Phon
e Number: 314-423-4333
Emergency Phone Number: 314-423-4333/800-424-9300 CHEMTREC
Preparer's Name: EUGENE W. SCHAEFFER JR.
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: OFTT5
Assigned Ind: Y
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: BERKELEYS MO 63134

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Contractor Summary
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Cage: OFTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: BERKELEYS MO 63134
Phone: 314-423-4333
Cage: 1A864
Name: LIGHTHOUSE FOR THE BLIND INC
Address: 10440 TRENTON AVE
City: ST. LOUIS MO 63132-1223
Phone: 314-423-0139

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Item Description Information
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Item Name: PENETRATING FLUID
Type of Container: CAN,
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Ingredients
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Cas: 102-71-6
RTECS #: KL9275000
Name: TRIETHANOLAMINE
% Wt: 8.6
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 111-76-2
RTECS #: KJ8575000
Name: 2-BUTOXYETHANOL (SARA III)
% Wt: 0.8
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM
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Health Hazard
Data

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LD50 LC50 Mixture: TLV 25 PPM
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: SKIN: IRRITATION. EYES: HARMFUL, REDNESS. INGEST: HARMFUL.
Medical Cond Aggravated By Exposure: OPEN CUTS AND SORES.
First Aid: SKIN: WASH WITH SOAP AND WATER. WASH CLOTHES BEFORE REUSE. EYES:
FLUSH WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN/OPHTHALMOLOGIST
IMME
DIATELY. INGEST: GIVE LARGE AMOUNTS OF WATER OR MILK AND GET IMMED MED
AID.
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Handling and Disposal

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Spill Release Procedures: PICK UP SPILL WITH ABSORBENT MATERIAL. FLUSH AREA
WITH WATER.
Waste Disposal Methods: IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL
REGULATIONS.
Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER
CLOSED WHEN NOT IN U

SE.

Other Precautions: USE IN WELL VENTILATED AREA. AVOID CONTACT WITH SKIN AND EYES. DO NOT TAKE INTERNALLY.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: NONE

Lower Limits: NA

Upper Limits: NA

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: USE NIOSH/MSHA BREATHING MASK. USE WATER SPRAY TO KEEP FIRE EXPOSED DRUMS COOL.

Unusual Fire/Explosion Hazard: PRODUCT WILL NOT BURN BUT MAY SPLATTER IF EXPOSED TO EXTREME HEAT.

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Control Measures
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Respiratory Protection: NONE

Ventilation: LOCAL EXHAUST PREFERABLE, MECHANICAL (GENERAL) ACCEPTABLE.

Protective Gloves: RUBBER OR NEOPRENE

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: PROTECTIVE CLOTHING. EYEWASH STATION.

Work Hygienic Practices:

USE GOOD PERSONAL HYGIENE. WASH HANDS AFTER HANDLING PRODUCT.

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Physical/Chemical Properties
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B.P. Text: 200F,93C

M.P/F.P Text: NE

Vapor Pres: NE

Vapor Density: 1

Spec Gravity: 0.988

PH: 9-9.7

Viscosity: 1.5 CPS

Evaporation Rate & Reference: 1.0 (WATER=1)

Solubility in Water: COMPLETE

Appearance and Odor: AMBER LIQUID W/MILD ODOR

Percent Volatiles by Volume: NE

Corrosion R

ate: NA

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT

Materials To Avoid: AVOID STRONG ACIDS OR OXIDIZERS.

Hazardous Decomposition Products: CARBON MONOIXIDE 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: OFTT5

Trans ID NO: 96606

Product ID: PENETRATING FLUID

MSDS Prepared Date: 01/18/1996

Review Date: 10/16/1997

MFN: 2

Multiple KIT Number: 0

Review IND: Y

Type Of Container: CAN,
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Detail DOT Information
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

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ATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: PENETRATING FLUID

Cage: OFTT5

Assigned IND: Y

Company Name: LHB IN

DUSTRIES

Street: 8833 FLEISCHER PLACE

City: BERKELEYS MO

Zipcode: 63134

Health Emergency Phone: 314-423-4333/800-424-9300 CHEMTREC

Label Required IND: Y

Date Of Label Review: 10/12/1999

Status Code: A

Origination Code: G

Hazard And Precautions: SKIN: IRRITATION. EYES: HARMFUL, REDNESS. INGEST:
HARMFUL.

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information is formulated for use by elements of the Departm

ent of Defense.

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