

LHB INDUSTRIES -- PENETRATING FLUID 1064021

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MSDS Safety Information
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FSC: 6850
NIIN: 00-508-0076
MSDS Date: 06/01/1992
MSDS Num: BVNBJ
Product ID: PENETRATING FLUID 1064021
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: 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
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: PENETRATING FLUID
Unit of Issue: BX
Quantitative Expression: 0000000024EA
UI Container Qty: G
Type of Container: PLASTIC

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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 Hazards Data
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Route Of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: TLV 25 PPM (SKIN). PROLONGED CONTACT WITH SKIN MAY CAUSE IRRITATION. HARMFUL TO EYES. HARMFUL IF SWALLOWED.
Signs And Symptoms Of Overexposure: REDNESS OF EYES.
Medical Cond Aggravated By Exposure: OPEN CUTS AND SORES.
First Aid: FOR CONTACT WITH SKIN OR CLOTHES, WASH WITH SOAP AND WATER; WASH CLOTHES BEFORE REUSE. FOR CONTACT WITH EYE S, FLUSH WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED, GIVE LARGE AMOUNTS OF WATER OR MILK AND GET IMMEDIATE MEDICAL AID.
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Handling and Disposal
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Spill Release Procedures: PICK UP SPILLAGE WITH ABSORBENT MATERIAL. FLUSH AREA WITH WATER.
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULAT

IONS.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER CLOSED WHEN NOT IN USE.

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

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM IF PRODUCT IS INVOLVED IN FIRE.

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 IN NORMAL VENTILATED AREA.

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

Pro

ective Gloves: RUBBER OR NEOPRENE

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: 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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HCC: N1

B.P. Text: 200F,93C

Vapor Density: 1

Spec Gravity: 0.988 (WATER=1)

PH: 9-9.7

Viscosity: 1.5 CPS

Evaporation Rate & Reference: 1.0 (WATER=1)

Solubility in Water: COMPLETE

Appearance and Odor: AMBER LIQUID; MILD ODOR

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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 FROM BURNING.

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: 74231
Product ID: PENETRATING FLUID 1064021
MSDS Prepared Date: 06/01/1992
Review Date: 10/11/1994
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
Container QTY: G
Type
Of Container: PLASTIC

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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

IATA 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 1064021

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

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: TLV 25 PPM (SKIN). PROLONGED CONTACT WITH SKIN MAY
CAUSE IRRITATION. HARMFUL TO EYES. HARMFUL IF SWALLOWED

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