

LHB INDUSTRIES -- DETERGENT, GENERAL PURPOSE NONIONIC

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MSDS Safety Information
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FSC: 7930
NIIN: 00-531-9716
MSDS Date: 10/12/1994
MSDS Num: BNTHG
Product ID: DETERGENT, GENERAL PURPOSE NONIONIC
MFN: 01
Responsible Party
Cage: OFTT5
Name: LHB INDUSTRIES
Address: 10440 TRENTON AVENUE
City: ST LOUIS
MO 63132
Info Phone Number: 314-423-4333
Emergency Phone Number: 314-423-4333/800-424-9300 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: 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 Manager: GSA
Item Name: DETERGENT,GENERAL PURPOSE
Specificat

ion Number: MIL-D-16791G
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 1
Type of Container: METAL

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Ingredients
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Cas: 9016-45-9
RTECS #: WZ4500000
Name: NONYLPHENOXYPOLYETHOXYETHANOL
% Wt: 99.925
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
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Health Hazards Data
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LD50 LC50 Mixture: *
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: *ORAL: 2.5G/KG (RAT); SLIGHTLY TOXIC. DERMAL: 1-3 G/KG
(RABBIT); SLIGHTLY TOXIC. SKIN: 5.9/8.0 (RABBIT); SEVERELY IRRITATING. EYES:
33.2/110 (RABBIT); MODERATELY IRRITATING.
Signs And Symptions Of Overexposure: EYES: CAUSES MODERATE EYE IRRITATION.
SKIN: PRIMARY SKIN IRRITANT; SEVERELY
IRRITATING WITH REDNESS AND EDEMA.
INGESTION: HARMFUL.

Medical Cond Aggravated By Exposure: OPEN CUTS AND SORES.

First Aid: FOR CONTACT WITH SKIN OR CLOTHES, WASH WITH SOAP AND WATER; WASH
CLOTHER BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES
AND CONSULT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SW ALLOWED, GIVE
LARGE AMOUNTS OF WATER OR MILK AND GET IMMEDIATE MEDICAL AID. IF INHALED,
REMOVE TO FRESH AIR AND GET MEDICAL AID IF NECESSARY.
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Handling and Disposal
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Spill Release Procedures: PICK UP SPILLAGE WITH ABSORBENT MATERIAL. FLUSH AREA WITH WATER. FLOORS MAY BE SLIPPERY. TAKE CAUTION TO AVOID FALLS.

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 DRY COOL PLACE. AVOID CONTACT WITH SKIN, EYES AND CLOTHES.

Oth

er Precautions: WASH THOROUGHLY AFTER HANDLING PRODUCT. AVOID EXPOSURE TO HIGH TEMPERATURE. DO NOT CONTAMINATE WATER, FEED OR FOOD.

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Fire and Explosion Hazard Information
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Flash Point Method: PMCC

Flash Point Text: 360F,182C

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures: KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER SPRAY.

IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS TO PROVIDE PROTECTION FOR PERSONNEL.

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Control Measures
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Respiratory Protection: NONE NEEDED WITH NORMAL ROOM VENTILATION.

Ventilation: LOCAL EXHAUST: PREFERABLE. MECHANICAL: ACCEPTABLE.

Protective Gloves: RUBBER

Eye Protection: CHEM SPLASH GOGGLES/NO CONTACT LENSES

Other Protective Equipment

: EYEWASH STATIONS. IMPERVIOUS CLOTHES TO PROTECT SKIN.

Work Hygienic Practices: WASH HANDS AFTER HANDLING. DO NOT EAT OR SMOKE WHILE HANDLING PRODUCT.

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Physical/Chemical Properties
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HCC: N1

B.P. Text: 212F,100C

Vapor Pres: <1

Vapor Density: >1 (AIR=1)

Spec Gravity: 1.026 (WATER=1)

PH: 7.0

Viscosity: 96 CST

Solubility in Water: INSOLUBLE

Appearance and Odor: CLEAR, STRAW COLOR

ED LIQUID; SLIGHT ODOR.
Percent Volatiles by Volume: NEGLIG

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Reactivity Data
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Stability Indicator: YES
Hazardous Decomposition Products: HEATING IN AIR MAY PRODUCE IRRITATING
ALDEHYDES, ACIDS, AND KETONES. MONOXIDE.
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: OFTT5
Trans ID NO: 75594
Product ID: DETERGENT, GENERAL PURPOSE NONIONIC
MSDS Prepared Date: 10/12/1994
Review Date: 08/19/1992
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 1
Type Of Container: METAL
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Detail DOT Information

DOT PSN Code: ZZZ

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

Detail IMO Information

IMO PSN Code: ZZZ

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

Detail IATA Information

IATA PSN Code: ZZZ

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

Detail AFI Information

AFI PSN Code: ZZZ

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

HAZCOM Label

Product ID: DETERGENT, G

GENERAL PURPOSE NONIONIC

Cage: OFTT5

Assigned IND: Y

Company Name: LHB INDUSTRIES

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: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: *ORAL: 2.5G/KG (RAT); SLIGHTLY TOXIC. DERMAL: 1-3 G/KG (RABBIT); SLIGHTLY TOXIC. SKIN: 5.9/8.0 (RABBIT); SEVERELY IRRITATING. EYES: 33.2/110 (RABBIT); MODE

RATELY IRRITATING.

EYES: CAUSES MODERATE EYE

IRRITATION. SKIN: PRIMARY SKIN IRRITANT; SEVERELY IRRITATING WITH REDNESS AND EDEMA. INGESTION: HARMFUL.

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