

LHB INDUSTRIES -- CORROSION PREVENT COMPOUND, WATER DISPISPLACI

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MSDS Safety Information
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FSC: 8030
NIIN: 00-213-3279
MSDS Date: 06/16/1996
MSDS Num: CKJNV
Product ID: CORROSION PREVENT COMPOUND, WATER DISPISPLACING, ULTRATHIN
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHE
R PLACE
City: ST. LOUIS MO 63134
Emergency Phone Number: 314-522-3141

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Item Description Information
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Item Manager: GSA
Item Name: CORROSION PREVENTIVE COMPOUND
Specification Number: MIL-C-81309E
Type/Grade/Class: TYPE 2; CLASS 1
Unit of Issue: GL
UI Container Qty: 4

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Ingredients
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Cas: 64742-88-7
RTECS #: SE7544000
Name: ALIPHATIC MINERAL SPIRITS 140 F
% Wt: 47.50
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 25619-56-1
Name: BARIUM COMPOUNDS (CONTAINING 2.00 % BARIUM AS BARIUM COMPOUNDS)
% Wt: 40.0
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 95-63-6
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE
% Wt: 2.50
ACGIH TLV: 25 PPM
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Health Hazards Data
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LD50 LC50 Mixture: SEE OTHER INFORMATION SECTION

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE W/
PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. HIGH CONCENTRATIONS ARE
ANESTHETIC. SKIN & RESPIRATORY TRACT IRRITATION. LIGHT H
EADEDNESS,

STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT AND RESPIRATORY
TRACT. MAY CAUSE HEADACHES, NAUSEA AND VOMITING. CONTACT WITH HEATED MATERIAL
MAY CAUSE THERMAL BURNS. * NON-MINERAL SPIRITS PORTION: INHALATION NON-TOXIC;
INGESTION 3 G/KG RATS.

Medical Cond Aggravated By Exposure: CONTACT MAY CAUSE DEFATTING, OIL, ACNE,
IRRITATION OR ALLERGIC REACTION IN SENSITIVE INDIVIDUALS.

First Aid

For Contact With Skin Or Clothes Wash With Soap & Water. Wash
Clothes Before Reuse. For Contact With Eyes, Flush With Water For 15 Minutes.
Contact A Physician/Ophthalmologist Immediately. If Swallowed, Do Not Induce
Vomiting. Get Immediate Medical Aid. If Inhaled, Get Fresh Air & Get
Artificial Respiration If Necessary. Get Med Aid. Never Give Anything By
Mouth To Unconscious Person.

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Handling and Disposal
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA.
AVOID BREATHING VAPORS. PICK UP SPILLAGE WITH INERT ABSORBENT MATERIAL.
ATTEMPT TO RECOVER. KEEP PETROLEUM PRODUCTS OUT OF STREAMS AND WATERWAYS.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL,
STATE, & LOCAL REGULATIONS. KEEP OUT OF STREAMS AND WATERWAYS. CONTAINS
2.0% BARIUM-DISPOSE OF AS REQUIRED FOR MATERIALS CONTAINING EXTRACTABLE

BARIUM ACCORDING TO US EPA-RCRA.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN! AVOID CONTACT
WITH EYES AND SKIN. USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE
USING. FOLLOW LABEL DIRECTIONS.

Other Precautions: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND
INHALING OR SWALLOWING CONTENTS MAY BE HARMFUL OR FATAL. ALWAYS MAINTAIN TLV.

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Fire and Explosion Hazard Information
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Flash Point Method: TOC

Flash Point: >60.C, 140.F

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.
AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE. WATER MAY BE USED TO KEEP
FIRE EXPOSED CNTNRS COOL. WEAR SCBA. USE SHIELDING TO PROTECT AGAINST
BURSTING/RUPTURING/VENTING CNTNRS.

Unusual Fire/Explosion Hazard: WATER STREAMS ON BURNING MATERIAL MAY SPREAD
FIRE.

Control Measures

Respiratory Protection: ALWAYS MAINTAIN TLV. NO RESP PROTECTION REQUIRED BELOW
TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.

Ventilation: LOCAL EXHAUST: PREFERRED. MECHANICAL (GENERAL): ACCEPTABLE.

Protective Gloves: OIL IMPERVIOUS GLOVES

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS CLOTHES TO PROTECT SKIN. EYE WASH
STATION. SAFETY SHOWER.

Work Hygien

ic Practices: USE GOOD PERSONAL HYGIENE. DO NOT EAT, DRINK OR SMOKE
WHILE USING PRODUCT.

Physical/Chemical Properties

HCC: V4

Boiling Point: >65.6C, 150.F

Vapor Pres: <1MM HG @ 25 C

Vapor Density: >1.0 AIR=1

Spec Gravity: 0.858 (WATER=1)

VOC Grams/Liter: 429

Solubility in Water: INSOLUBLE

Appearance and Odor: BROWN FLUID WITH THE ODOR OF MINERAL SPIRITS

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: TEMPERATURES ABOVE FLASH POINT AND OPEN FLAMES.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: COMBUSTION MAY RESULT IN UNDEFINED ORGANICS
AND OXIDES OF CARBON AND OXIDES OF SULFUR.

Hazardous Polymerization Indicator: NO

Toxicological Information

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Ecological Information
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Ecological: KEEP PETROLEUM PRODUCTS OUT OF STREAMS AND WATERWAYS.
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MSDS Transport Information
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Regulatory Information
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Sara Title III Information: BARIUM COMOUNDS (CONTAINING 2.00 % BARIUM AS BARIUM
COMPOUNDS); 1,2,4-TRIMETHYLBENZENE

Federal Regulatory Information: 49 CFR
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Other Information
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Transportation Information
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Responsible Party Cage: 0FTT5

Trans I

D NO: 152616

Product ID: CORROSION PREVENT COMPOUND, WATER DISPISPLACING, ULTRATHIN

MSDS Prepared Date: 06/16/1996

Review Date: 03/25/1999

MFN: 4

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 4
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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 Info

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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: CORROSION PREVENT COMPOUND, WATER DISPISPLACING, ULTRATHIN

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

Health Emergency Phone: 314-522-3141

Label Required IND: Y

Date Of Label Review: 04/25/2000

Status Code: A

Origination Code: G

Hazard And Precautions: REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE
W/ PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. HIGH CONCENTRATIONS ARE
ANESTHETIC. SKIN & RESPIRATORY TRACT IRRITATION. LIGHT HEADEDNESS,
STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

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