

LHB INDUSTRIES -- CORROSION PREVENTATIVE COMPOUND, WATER DISPLA

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MSDS Safety Information
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FSC: 8030
NIIN: 01-347-0981
MSDS Date: 09/11/1995
MSDS Num: CBTXL
Product ID: CORROSION PREVENTATIVE COMPOUND, WATER DISPLACING (AMLGUARD)
MFN: 02
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISC
HER 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: GREGORY M MCGOWAN
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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Con
tractor 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: CORROSION PREVENTIVE COMPOUND
Specification Number: MIL-C-85054
Type/Grade/Class: TYPE 2
Unit of Issue: QT
UI Container Qty: 0
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Ingredients
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Cas: 67-63-0
RTECS #: NT8050000
Name: ISOPROPYL ALCOHOL (SARA 313)
% Wt: <22.16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM/500STEL;9495

Cas: 25619-56-1
RTECS #: QM4450000
Name: BARIUM PETROLEUM SULFONATE (CONTAINS 0.07 BARIUM AS BARIUM COMPOUNDS)
% Wt: 1.10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT EST.
ACGIH TLV: NOT EST.
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Cas: 8030-30-6
RTECS #: DE3030000
Name: NAPHTHA (PETROLEUM SPIRITS OR BENZIN)
% Wt: <9.69
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 107-98-2
RTECS #: UB7700000
Name: PROPYLENE GLYCOL MONOMETHYL ETHER
% Wt: 8.6
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 8030-30-6
RTECS #: DE3030000
Name: VM&P NAPHTHA
% Wt: 17.0
Other REC Limits: NO

NE RECOMMENDED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM

Cas: 97-85-8
RTECS #: NQ5250000
Name: ISOBUTYL ISOBUTYRATE
% Wt: 1.29
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313) (CERCLA)
% Wt: <6.02
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM; Z-2
ACGIH TLV: S, 50 PPM; 9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 78-83-1
RTECS #: NP9625000
Name: ISOBUTYL ALCOHOL (CERCLA)
% Wt: 10.75
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM; 9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA 313) (CERCLA)
% Wt: <5.16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

RTECS #: 9999999VO
Name:

VOC = 597 G/L

% Wt: 72.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT EST.

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: INGESTION: 3 G/KG RATS

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: HARMFUL IF SWALLOWED. INJURIOUS TO EYES. MAY CAUSE SKIN DEFATTING/IRRIT. HARMFUL IF

SWALLOWED. SOLVENTS ASSOCIATED W/PERM

BRAIN/NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS, VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC. OVEREXPOSURE MAY RESULT LIGHT-HEADEDNESS, STAGGERING GAIT, GIDDINESS, POSSIBLE NAUSEA.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING IF INHALED.

Medical Cond Aggravated By Exposure: UNKNOWN.

First Aid: FOR CONTACT WITH SKIN OR CLOTHES, WASH WITH SOAP & WATER; WASH CLOTH

ES 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, REMOVE TO FRESH AIR, GET MEDICAL AID IF NECESSARY. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: VENTILATE AREA AND REMOVE ALL IGNITION SOURCES. PICK

UP SPILLAGE WITH INERT ABSORBENT MATERIAL AND SWEEP UP TO A CLOSABLE CONTAINER. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE IN ACCORDANCE W/APPLICABLE LAWS/REGS.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. STORE IN COOL DRY PLACE AWAY FROM FIRE, HEAT OR SPARKS.

Other Precautions: AVOID CONTACT WITH EYES OR SKIN. DON'T BREATHE VAPORS. ALWAYS MAINTAIN TLV.

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Fire and Explosion Hazard

Information

Flash Point Text: 52.0F,11.1C

Lower Limits: NOT EST.

Upper Limits: NOT EST.

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL FOAM, WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE.WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SCBA.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAMES, SPARKS, HEAT. USE WITH GOOD VENTILATION.

Control Measures

Respiratory Protection: NONE WITH GOOD VENTILATION. ABOVE TLV USE NIOSH/MSHA APPROVED MASK.

Ventilation: LOCAL EXHAUST: PREFERRED. MECHANICAL (GENERAL): ACCEPTABLE AT POINT OF MIST OR SPRAY RELEASE.

Protective Gloves: NEOPRENE.

Eye Protection: CHEMICAL SPLASH GOGGLES.

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

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

Physical/Chemical Properties

B.P. Text: <212F,<100C

M.P/F.P Text: NA

Decomp Text: NA

Vapor Pres: <3.0

Vapor Density: >4.0

Spec Gravity: 0.84 COMPOUND

PH: NA

Solubility in Water: INSOLUBLE

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

Corrosion Rate: NA

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Stability Data

Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT, FLAMES, SPARKS.

Materials To Avoid: NA

Hazardous Decomposition Products: CARBON DIOXIDE AND CARBON MONOXIDE FROM THERMAL DECOMPOSITION.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NA

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Code: 0FTT5

Trans ID NO: 127938

Product ID: CORROSION PREVENTATIVE COMPOUND, WATER DISPLACING (AMLGUARD)

MSDS Prepared Date: 09/11/1995

Review Date: 09/17/1996

MFN: 2

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: QT

Container QTY: 0

Detail D

OT Information

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DOT PSN Code: DNJ

Symbols: I

DOT Proper Shipping Name: COATING SOLUTION

DOT PSN Modifier: (INCLUDES SURFACE TREATMENTS OR COATINGS USED FOR INDUSTRIAL
OR OTHER PURPOSES SUCH AS VEHICLES UNDERCOATING, DRUM OR BARREL LINING)

Hazard Class: 3

UN ID Num: UN1139

DOT Packaging Group: II

Label: 3

Special Provision: T7,T30

Packaging Exception: 150

Non Bulk Pack: 202

Bulk Pack: 242

Max Qty Pass: 5 L

Max Qty Cargo: 60 L

Vessel Stow R

eq: B

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Detail IMO Information

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IMO PSN Code: ENB

IMO Proper Shipping Name: COATING SOLUTION o

IMO PSN Modifier: (INCLUDES SURFACE TREATMENTS OR COATINGS USED FOR INDUSTRIAL
PURPOSES SUCH AS VEHICLE UNDER-COATING, DRUM OR BARREL LINING)

IMDG Page Number: 3200

UN Number: 1139

UN Hazard Class: 3.2

IMO Packaging Group: I/II

Subsidiary Risk Label: -

EMS Number: 3-05

MED First Aid Guide NUM

: 310

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Detail IATA Information

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IATA PSN Code: GZI

IATA UN ID Num: 1139

IATA Proper Shipping Name: COATING SOLUTION +

IATA PSN Modifier: (INCLUDES SURFACE TREATMENTS OR COATINGS USED FOR INDUSTRIAL
OR OTHER PURPOSES SUCH AS VEHICLE UNDERCOATING, DRUM OR BARREL LINING)

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

UN Packing Group: II

Packing Note Passenger: 305

Max Quant Pass: 5L

Max

Quant Cargo: 60L
Packaging Note Cargo: 307
Exceptions: A7

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Detail AFI Information
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AFI PSN Code: GZI
AFI Proper Shipping Name: COATING SOLUTION
AFI Hazard Class: 3
AFI UN ID NUM: UN1139
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: CORROSION PREVENTATIVE COMPOUND, WATER DISPLACING (AMLGUARD)
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: 10/12/1999
Status Code: A
Origination Code: G
Hazard And Precautions: HARMFUL IF SWALLOWED. INJURIOUS TO EYES. MAY CAUSE SKIN
DEFATTING/IRRIT. HARMFUL IF SWALLOWED. SOLVENTS ASSOCIATED W/PERM
BRAIN/NERVOUS SYSTEM DAMAGE.
IN CONFINED AREAS, VAPORS IN HIGH CONCENTRATION
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