

LHB INDUSTRIES -- CORROSION PREVENTATIVE COMPOUND, WATER DISPLA

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MSDS Safety Information
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FSC: 8030
NIIN: 01-347-0982
MSDS Date: 02/05/1996
MSDS Num: CBTXM
Product ID: CORROSION PREVENTATIVE COMPOUND, WATER DISPLACING (AMLGUARD)
MFN: 01
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: CN
Quantitative Expression: 0000000005GL
UI

Container Qty: 1

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Ingredients
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Cas: 67-63-0
RTECS #: NT8050000
Name: ISOPROPYL ALCOHOL (2-PROPANOL)(SARA 313)
% Wt: <22.16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM

Cas: 8032-32-4
RTECS #: OI6180000
Name: VM&P NAPHTHA (LIGROINE)
% Wt: 19.24
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM; 9495
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Cas: 8030-30-6
RTECS #: DE3030000
Name: BLEND OF MINERAL SPIRITS
% Wt: <9.69
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM

Cas: 78-83-1
RTECS #: NP9625000
Name: ISOBUTYL ALCOHOL (CERCLA)
% Wt: 8.6
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 107-98-2
RTECS #: UB7700000
Name: PROPYLENE GLYCOL MONOMETHYL E

THER
% Wt: 8.6
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313) (CERCLA)
% Wt: <5.85
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 97-85-8
RTECS #: NQ5250000
Name: ISOBUTYL ISOBUTYRATE
% Wt: 1.37
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLI
SHED

Cas: 64741-97-5
RTECS #: PY8041000
Name: DISTILLATES, SOLVENT-REFINED LIGHT NAPHTHENIC
% Wt: 1.1
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT EST.
ACGIH TLV: NOT EST.

Cas: 25619-56-1
RTECS #: QM4450000
Name: BARIUM DINONYLNAPHTALNE SULFONATE
% Wt: 1.1
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT EST.
ACGIH TLV: NOT EST.

Name: NJ TRADE SECRET REGISTRY #00850201001-5021 P
% Wt: <2.98
Other

REC Limits: NONE RECOMMENDED

OSHA PEL: NOT EST.

ACGIH TLV: 5 MG/M3

RTECS #: 9999999VO

Name: VOC = 597 G/L

% Wt: 72.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT EST.

ACGIH TLV: NOT ESTABLISHED

Health Hazards Data

LD50 LC50 Mixture: INGESTION: 3 G/KG RATS

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IAR

C: 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 A RE ANESTHETIC. OVEREXPOSURE MAY RESULT LIGHT-HEADEDNESS, STAGGERING GAIT, GIDDINESS, POSSIBLE NAUSEA.

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

Medical Co

nd Aggravated By Exposure: UNKNOWN.

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 SWALLOW ED, 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.

Handling and D

isposal

Spill Release Procedures: VENTILATE AREA AND REMOVE ALL IGNITION SOURCES. PICK UP SPILLAGE WITH INERT ABSORBENT MATERIAL AND SWWPE 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 BREATH VAPORS. ALWAYS
MAINTAIN TLV.

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Fire and Explosion Hazard Information
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Flash Point Method: TOC

Flash Point Text: 55.0F,12.8C

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/Explos

ion Hazard: DO NOT SPRAY NEAR OPEN FLAMES, SPARKS, HEAT. USE
WITH GOOD VENTILATION.

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Control Measures
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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 Prote

ctive 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.

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Physical/Chemical Properties
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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: INSOLU

BLE
Appearance and Odor: BROWN FLUID WITH THE ODOR OF MINERAL SPIRITS
Corrosion Rate: NA

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Reactivity Data
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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

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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: 127939
Product ID: CORROSION PREVENTATIVE COMPOUND, WATER DISPLACING (AMLGUARD)
MSDS Prepared Date: 02/05/1996
Review Date: 09/17/19
96
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 1

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Detail DOT 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 Req: 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 UNDERCOAT
ING, 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 Re

ference: 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 I

F 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

A RE ANESTHETIC. OVEREXPOSURE MAY RESULT LIGHT-HEADEDNESS, STAGGERING GAIT,

GIDDINESS, POSSIBLE NAUSEA.

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