

LHB INDUSTRIES -- CORROSION PREVENT COMPOUND, WATER DISPISPLA

=====  
MSDS Safety Information  
=====

FSC: 8030  
NIIN: 00-213-3279  
MSDS Date: 07/17/1992  
MSDS Num: BPTWY  
Product ID: CORROSION PREVENT COMPOUND, WATER DISPISPLA  
MFN: 01  
Responsible Party  
Cage: OFTT5  
Name: LHB INDUSTRIES  
Address: 10440 TRENTON AVENUE  
City: S  
T 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

=====  
Preparer Co. when other than Responsible Party Co.  
=====

Cage: OFTT5  
Assigned Ind: Y  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: BERKELEYS MO 63134

=====  
Contra-  
tor Summary  
=====

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

=====  
Item Description Information  
=====

Item Manager: GSA  
Item Name: CORROSION PREVENTIVE COMPOUND

D

Specification Number: MIL-C-81309E

Type/Grade/Class: TYPE 2; CLASS 1

Unit of Issue: GL

UI Container Qty: 4

=====  
Ingredients  
=====

Cas: 64742-88-7

RTECS #: SE7544000

Name: ALIPHATIC MINERAL SPIRITS 140 F

% Wt: 50.00

Other REC Limits: NONE SPECIFIED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM  
-----

Cas: 25619-56-1

Name: BARIUM PETROLEUM SULFONATE

% Wt: 4.00

Other REC Limits: NO

NE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED  
-----

Cas: 25619-56-1

Name: BARIUM COMPOUNDS (SARA III)

% Wt: 2.00

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED  
=====

Health Hazards Data  
=====

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 TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS HIGH CONC OF VAPOR ANESTHETIC. IRRIT TO SKIN & RESP TRACT. OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. MAY CAUSE 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

L

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/CLOTHES, WASH WITH SOAP & WATER. WASH CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES & CONTACT PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED, DO NOT INDUCE VOMITING. G

GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR & GIVE ARTIFICIAL RESPIRATION IF NECESSARY AND GET MEDICAL AID. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

=====

#### Handling and Disposal

=====

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.

=====

#### Fire and Explosion Hazard Information

=====

Flash Point Method: TCC

Flash Point Text: 140F,60C

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

Fire Fighting Procedure

es: 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: NONE BELOW TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.

Ventilation: LOCAL EXHAUST: PREFERRED. ME

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

=====  
Physical/Chemical Properties  
=====

HCC: V4

B.P. Text: >150F,>66C

Vapor Pr

es: <1

Vapor Density: >1.0

Spec Gravity: 0.86 (WATER=1)

Solubility in Water: NIL

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 O  
RGANICS

AND OXIDES OF CARBON AND OXIDES OF SULFUR.

Hazardous Polymerization Indicator: NO

=====  
Toxicological Information  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

=====

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: OFTT5  
Trans ID NO: 56828  
Product ID: CORROSION PREVENT COMPOUN  
D, WATER DISPISPLA  
MSDS Prepared Date: 07/17/1992  
Review Date: 12/01/1992  
MFN: 1  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 4

Detail DOT Information

DOT PSN Code: LFE  
DOT Proper Shipping Name: PAINT  
DOT PSN Modifier: INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,  
VARNISH, POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE  
Hazard Class: 3  
UN ID Num  
: UN1263  
DOT Packaging Group: III  
Label: FLAMMABLE LIQUID  
Special Provision: B1,B52,T7,T30  
Packaging Exception: 150  
Non Bulk Pack: 173  
Bulk Pack: 242  
Max Qty Pass: 60 L  
Max Qty Cargo: 220 L  
Vessel Stow Req: E,B,A

Detail IMO Information

IMO PSN Code: LCT  
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL  
IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIO

NS,  
VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT  
THINNING OR REDUCING COMPOUND) o

IMDG Page Number: 3372

UN Number: 1263

UN Hazard Class: 3.3

IMO Packaging Group: III

Subsidiary Risk Label: -

EMS Number: 3-05

MED First Aid Guide NUM: 310

=====  
Detail IATA Information  
=====

IATA PSN Code: SXH

IATA UN ID Num: 1263

IATA Proper Shipping Name: PAINT

IATA PSN Modifier

: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC, VARNISH,  
POLISH, LIQUID FILLER AND LIQUID LACQUER BASE)

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

UN Packing Group: III

Packing Note Passenger: 309

Max Quant Pass: 60L

Max Quant Cargo: 220L

Packaging Note Cargo: 310

=====  
Detail AFI Information  
=====

AFI PSN Code: SXH

AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL

AFI PSN Modifier

ier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,  
VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT  
THINNING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3

AFI UN ID NUM: UN1263

AFI Packing Group: III

Special Provisions: P5

Back Pack Reference: A7.3

=====  
HAZCOM Label  
=====

Product ID: CORROSION PREVENT COMPOUND, WATER DISPISPLA

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: REPORTS ASSOCIATE REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS HIGH CONC OF VAPOR ANESTHETIC. IRRIT TO SKIN & RESP TRACT. OVEREXPOSURE MA

Y R ESULT IN LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. MAY CAUSE SEVERE EYE IRRITATION. \* IRRITATION TO EYES, THROAT AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA AN D VOMITING. CONTACT WITH HEATED MATERIAL MAY CAUSE THERMAL BURNS.

\* NON-MINERAL SPIRITS

PORTION: INHALATION NON-TOXI C; INGESTION 3 G/KG RATS.

=====  
Disclaimer (provided with this information by the compiling agencies): This

information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instructi

on who is not a military or civilian employee of the

United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.