

LHB INDUSTRIES -- SO SURE CORROSION PREVENTIVE COMPOUND

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MSDS Safety Information
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FSC: 8030
NIIN: 00-546-8637
MSDS Date: 04/20/1992
MSDS Num: BPPBK
Product ID: SO SURE CORROSION PREVENTIVE COMPOUND
MFN: 02
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOU
IS MO 63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 800-424-9300 CHEMTREC/ 314-522-3141
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: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134

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Contractor 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-81309E
Type/Grade/Class: TYPE 3; CLASS 2
Unit of Issue: CN
Quantitative Expression: 00000000016OZ
UI Container Qty

: 0

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Ingredients
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Cas: 64742-88-7
RTECS #: SE7544000
Name: ALIPHATIC MINERAL SPIRITS 140 F
% Wt: 37.73
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 25619-56-1
Name: BARIUM PETROLEUM SULFONATE
% Wt: 7.55
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 256
19-56-1
Name: BARIUM COMPOUNDS (SARA III)
% Wt: 0.38
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 76-13-1
RTECS #: KJ1400000
Name: TRICHLOROTRIFLUOROETHANE
% Wt: 36.44
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM
Ozone Depleting Chemical: 1

Cas: 75-45-6
RTECS #: PA6390000
Name: CHLORODIFLUOROMETHANE
% Wt: 16.40
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM
Ozone Depleting Chemical: 2

RTECS #: 9999999VO
Name: VOC: 947 G/L, 7.89 LG/GAL.
Other REC Limits: NONE SPECIFIED

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Health Hazards Data
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LD50 LC50 Mixture: NON-MINERAL SPIRITS PRT:INGEST 3G/KG RAT

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: CONCENTRAT

ING & INHALING CONTENTS HARMFUL/FATAL.

REPEAT/PROLONG OVEREXPOSURE: PERM BRAIN & NERVOUS SYSTEM DAMAGE. IN
CONFINED AREAS VAPORS IN HIGH CONC ARE ANESTHETIC. SKIN & RESP TRACT
IRRIT. OVEREXP OSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGERING, GIDDINESS,
NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRIT.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT AND RESP TRACT.

MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. CONTACT WITH HEATED MATERIAL MAY
CAUSE THERMAL BURNS.

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 AND WATER; WASH
CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES
AND CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWA LLOWED, DO NOT
INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR
AND GIVE ARTIFICIAL RESPIRATION IF NECESSARY AND GE

T MEDICAL AID. NOTHING BY
MOUTH TO UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITON AND VENTILATE AREA.

AVOID BREATHING VAPORS. PICK UP SPILLAGE WITH INERT ABSORBENT MATERIAL. FLUSH
AREA WITH WATER.

Waste Disposal Methods: DISPOSE IN ACCORD W/FED/STATE/LOCAL REGS. DONT
PUNCTURE/BURN/STORE ABOVE 120F. EXPOSURE TO HEAT/PROLONGED SU

N MAY CAUSE CAN

TO BURST. DISCARD EMPTY CAN IN TRASH. DON'T PLACE IN HOME TRASH COMPACTOR. KEEP OUT OF STREAMS/WTRWAYS. CONTAINS .8% BARIUM. #

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN.

CAUTION-CONTENTS UNDER PRESSURE. DON'T STORE ABOVE 120F. AVOID BREATHING SPRAY/MIST/VAPOR. AVOID SKIN/EYE CONTACT.

Other Precautions: USE W/GOOD VENT. READ/FOLLOW LABEL DIRECTIONS.

CONCENTRATING/INHALING/SWALLOWING MAY BE HARMFUL/FATAL.

DISPOSE OF AS REQ'D FOR M

AT'L CO

CONTAINING EXTRACTABLE BARIUM US EPA-RCRA.

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Fire and Explosion Hazard Information
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Flash Point Method: TOC

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 Procedures: WATER MAY BE INEFFECTIVE, USE TO COOL FIRE EXPOSED CONTAINERS. WEAR SCBA. USE SHIELDING

TO PROTECT PERSONNEL AGAINST CONTAINERS

BURSTING, RUPTURING, OR VENTING.

Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPS

(OVER 120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL CONTAINER: DO NOT EXPOSE TO TEMP ABOVE 120F.

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Control Measures
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Respiratory Protection: NONE BELOW TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.

Ventilation: LOCAL EXHAUST: P

REFERRED. MECHANICAL (GENERAL): ACCEPTABLE AT POINT OF MIST OR SPRAY RELEASE.

Protective Gloves: OIL IMPERVIOUS IF CONTACT ANTICIPATED.

Eye Protection: AT LEAST SAFETY GLASSES.

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

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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HCC: V3

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

Vapor Pres: 65 @ 68F

Vapor Density: >3.0

Spec Gravity: 0.798 (WATER=1)

Viscosity: WATER THIN

Solubility in Water: NIL

Appearance and Odor: CLEAR BROWN FLUID - MINERAL SPIRITS ODOR.

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Reactivity Data

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Stability Indicator: YES

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

Materials To Avoid: STRONG OXIDIZING AGEN

TS.

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

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 Cage: 0FTT5

Trans ID NO: 76257

Product ID: SO SURE CORROSION PREVENTIVE COMPOUND

MSDS Prepared Date: 04/20/1992

Review Date: 09/22/1998

MFN: 2

Tech Entry NOS Shipping Nm: ALIPHATIC MINERAL SPIRITS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 0

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Detail DOT Information

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DOT PSN Code: DTJ

Symbols: D

DOT Proper Shipping Name: CONSUMER COMMODITY

Hazard Class: ORM-D
Label: NONE
Non Bulk Pack: 156,306
Bulk Pack: NONE
Max Qty Pass: 30KGGROSS
Max Qty Cargo: 30KGGROSS
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o
IMDG Page Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620

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Detail IATA Information
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label
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Product ID: SO SURE CORROSION PREVENTIVE COMPOUND
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 883

3 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: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: CONCENTRATING & INHALING CONTENTS HARMFUL/FATAL. REPEAT/PROLONG OVEREXPOSURE: PERM BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CONC ARE ANESTHETIC. SKIN & RESP TRACT IRRIT. OVEREXP OSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRIT. IRRITATION TO EYES, THROAT AND RESP TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMI TING. CONTACT WITH HEATED MATERIAL MAY CAUSE THERMAL BURNS.

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