

LHB INDUSTRIES -- SO-SURE CORROSION PREVENTIVE COMPOUND

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MSDS Safety Information
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FSC: 8030
NIIN: 00-938-1947
MSDS Date: 01/28/1994
MSDS Num: BTSXS
Product ID: SO-SURE CORROSION PREVENTIVE COMPOUND
MFN: 03
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: 314-522-3141/800-424-9300(CHEMTREC)
Preparer's Name: RUDOLF OPPENHEIM
Review Ind: Y
Published: Y

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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-81309
Type/Grade/Class: CLASS 2, TYPE 2
Unit of Issue: CN
Quantitative Expression: 00000000016OZ
UI Container Qty: B
Type of Container: AEROSOL CAN

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Ingredients
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Cas: 64742-88-7
Name: NAPHTHA, MEDIUM ALIPHATIC
% Wt: 37.88
Other REC Limits: NONE RECOMMENDE

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OSHA PEL: 5 MG/M3 AS OIL MIST

ACGIH TLV: 5 MG/M3 AS OIL MIST

Cas: 25619-56-1

Name: BARIUM PETROLEUM SULFONATE

% Wt: 30.30

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 811-97-2

Name: 1,1,1,2-TETRAFLUOROETHANE/HCF 134A

% Wt: 24.25

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED.

ACGIH TLV: NOT ESTABLISHED.

Name: BARIUM COMPOUNDS

% Wt: 1.21

Othe

r REC Limits: NONE RECOMMENDED

OSHA PEL: 0.5 MG/M3 AS BA

ACGIH TLV: 0.5 MG/M3 AS BA

RTECS #: 9999999VO

Name: VOLATILE ORGANIC COMPOUNDS, 350 G/L

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT RELEVANT

ACGIH TLV: NOT RELEVANT

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Health Hazards Data

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LD50 LC50 Mixture: LD50(ORAL,RAT):3 G/KG(NON-MINERAL SPIRIT

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ing

estion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYE, SKIN, CNS, LUNG. ACUTE & CHRONIC-
DELIBERATELY CONCENTRATING & INHALING IS HARMFUL/FATAL.

REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE MAY CAUSE PERMANENT BRAIN
DAMAGE/NERVOUS SYSTEM DAMAGE. MAY CAUSE ANESTHETIC EFFECT. SEVERE EYE
IRRITATION. SKIN/RESPIRATORY TRACT IRRITATION. HARMFUL IF INGESTED.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: EYES, SKIN

, RESPIRATORY TRACT IRRITATION,
HEADACHES, NAUSEA, VOMITING, DEFATTING, ALLERGIC SKIN REACTION
Medical Cond Aggravated By Exposure: PERSONNEL WITH PRE-EXISTING SKIN DISORDERS
SHOULD AVOID CONTACT WITH THIS PRODUCT.

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES,
HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INGESTION:DO NOT
INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION/VENTILATE AREA. AVOID
BREATHING VAPORS. PICK UP SPILLAGE WITH INERT ABSORBENT MATERIAL. FLUSH AREA
WITH WATER.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE &
FEDERAL LAWS. DO NOT INCINERATE

CONTAINERS. DISCARD EMPTY CANS IN TRASH

PICKUP. AVOID HOME TRASH COMPACTOR. CONTAINS 2% BARIUM. DISPOSE OF AS
REQUIRED FOR MATERIALS CONTAINING EXTRACTABLE BARIUM US EPA-RCRA

Handling And Storage Precautions: DO NOT STORE WHERE TEMPERATURES MAY EXCEED
120F (48.8C). KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH EYES OR SKIN.

Other Precautions: USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING.
FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING
AND

INHALING OR SWALLOWING CONTENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: NONE

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

Fire Fighting Procedures: WATER INEFFECTIVE BUT USED TO KEEP FIRE EXPOSED
CONTAINERS COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL
AGAINST

BURSTING/RUPTURING/VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (OVER 120F/48.9C) CONTAINERS MAY VENT/RUPTURE/BURST. DO NOT
EXPOSE AEROSOL CONTAINER TO TEMP ABOVE 120F.

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

Ventilation: LOCAL EXHAUST: PREFERRED, MECHANICAL

L: ACCEPTABLE AT POINT OF MIST
OR SPRAY RELEASE.

Protective Gloves: NITRILES IF CONTACT IS 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.

Supplemental Safety and Health: FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE
PNI A OR B UNDER THE SAME NSN.

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Physical/Chemical Properties

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HCC: V2

NRC/State LIC No: NOT RELEVANT

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 4379 @ 68F

Vapor Density: 3.52

Spec Gravity: 0.923

Evaporation Rate & Reference: UNKNOWN

Solubility in Water: INSOLUBLE

Appearance and Odor: BROWN LIQUID, WITH THE ODOR OF MINERAL SPIRITS.

Percent Volatiles by Volume: 38

Corrosion Rate: UNKNOWN

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: TEMPERATURES ABOVE 120F AND OPEN FLAME.

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

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological I

nformation

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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

Responsible Party Cage: 0FTT5
Trans ID NO: 93946
Product ID: SO-SURE CORROSION PREVENTIVE COMPOUND
MSDS Prepared Date: 01/28/1994
Review Date: 08/11/1994
MFN: 3
Net Unit Weight: 1.0 LB
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container
QTY: B
Type Of Container: AEROSOL CAN
Additional Data: DOT PROPER SHIPPING NAME: CONSUMER COMMODITY, PER MSDS.

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Detail DOT Information

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: AIY
IMO Proper Shipping Name: AEROSOL DISPENSERS ?
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS
IMDG Page Number: 9022
UN Number: 1950
UN Hazard Class: 9?
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-13
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Detail IATA Information

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IATA PSN Code: AN
B
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, NON-FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.2
IATA Label: NON-FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75 KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203
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Detail AFI Information

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AFI PSN Code: ANB
AFI Proper Shipping Name: AEROSOLS, NON-FLAMMABLE, N.O.S.
AFI PSN Modifier: ,(EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.2
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: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 314-522-3141/800-424-9300(CHEMTREC)
Label Required IND: Y
Date O

f Label Review: 08/11/1994
Status Code: C
MFG Label NO: NOT RELEVANT
Label Date: 08/11/1994
Origination Code: F
Eye Protection IND: YES
Signal Word: WARNING
Health Hazard: Moderate
Contact Hazard: Moderate
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKIN, CNS, LUNG. ACUTE &
CHRONIC- DELIBERATELY CONCENTRATING & INHALING IS HARMFUL/FATAL.
REPEATED/PROLONGED OVEREXPOSURE MAY CAUSE PERMANENT BRAIN DAMAGE. MAY
CAUSE
ANESTHETIC EFFECT. SEVERE EYE
IRRITATION. SKIN/RESPIRATORY TRACT IRRITATION.
HARMFUL IF INGESTED. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F(48.8C).
PICK UP SPILLAGE WITH INERT ABSORBENT MATERIAL. FIRST AID-: GET MEDICAL HELP
IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF
NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH
WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL
ATTENTION.

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