

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: 01/28/1994  
MSDS Num: BTSXC  
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-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  
Name: NAPHTHA, MEDIUM ALIPHATIC  
% Wt: 56.34  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 5 MG/M3 AS OIL MIS

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ACGIH TLV: 5 MG/M3 AS OIL MIST

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Cas: 25619-56-1

Name: BARIUM PETROLEUM SULFONATE

% Wt: 14.09

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Cas: 811-97-2

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

% Wt: 29.57

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED.

ACGIH TLV: NOT ESTABLISHED.

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Name: BARIUM COMPOUNDS

% Wt: 0.56

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 0.5 MG/M3 AS BA

ACGIH TLV: 0.5 MG/M3 AS BA

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RTECS #: 9999999VO

Name: VOLATILE ORGANIC COMPOUNDS, 500 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

Ingestion: NO

Carcinogenicity Ind

s - 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: 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: 57

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 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: 76258  
Product ID: SO-SURE CORROSION PREVENTIVE COMPOUND  
MSDS Prepared Date: 01/28/1994  
Review Date: 08/11/1994  
MFN: 3  
Net Unit Weight: 0.9 LB  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CN  
Container QTY: 0  
Additional Data: DOT P  
ROPER SHIPPING NAME: CONSUMER COMMODITY, PER MSDS.  
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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: 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: ANB  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, N  
ON-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 Of Label Review: 08/11/1994  
Status Code: C  
MFG Label NO: NOT R

ELEVENT

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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