

LHB INDUSTRIES -- SO SURE CORROSION PREVENTIVE COMPD,WATER DISP

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MSDS Safety Information  
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FSC: 8030  
NIIN: 00-938-1947  
MSDS Date: 02/14/1994  
MSDS Num: BTSXR  
Product ID: SO SURE CORROSION PREVENTIVE COMPD,WATER DISPLACING(AEROSOL)  
MFN: 02  
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: 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: 35.99  
Other REC

Limits: NONE RECOMMENDED  
OSHA PEL: 5 MG/M3 AS OIL MIST  
ACGIH TLV: 5 MG/M3 AS OIL MIST

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Cas: 95-63-6  
RTECS #: DC3325000  
Name: 1,2,4-TRIMETHYLBENZENE (SARA III)  
% Wt: 1.89  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 25 PPM  
ACGIH TLV: 25 PPM; 9394

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Cas: 25619-56-1  
Name: BARIUM PETROLEUM SULFONATE  
% Wt: 30.30  
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  
% Wt: 24.25  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED.  
ACGIH TLV: NOT ESTABLISHED.

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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 Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: TARGET ORGANS:EYE, SKIN, CNS, LUNG. ACUT  
E- DELIBERATELY

CONCENTRATING & INHALING IS HARMFUL/FATAL. REPEATED/PROLONGED  
OCCUPATIONAL OVEREXPOSURE MAY CAUSE PERMANENT BRAIN DAMAGE/NERVOUS SYSTEM  
DAMAGE. MAY CAUSE ANESTHETIC EFFECT. SEVERE EYEIRRITATION. SKIN/RESPIRATORY  
TRACT IRRITATION. HARMFUL IF INGESTED. CHRONIC- UNK

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

OR MATERIALS CONTAINING EXTRACTABLE BARIUM UNDER 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 FORMULATION, SEE PNI A 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 Avo

id: 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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Ecolo

gical Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 0FTT5

Trans ID NO: 93945

Product ID: SO SURE CORROSION PREVENTIVE COMPD,WATER DISPLACING(AEROSOL)

MSDS Prepared Date: 02/14/1994

Review Date: 05/03/1999

MFN: 2

Net Unit Weight: UNKNOWN

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: B

Type Of Container: AEROSOL CAN

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

Detail IMO Information

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: ANB  
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 Pas  
s: 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 COMPD,WATER DISPLACING(AEROSOL)  
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: 08/08/1994  
Status Code: C  
MFG Label NO: NOT RELEVANT  
Label Date: 08/08/1994  
Origination Code: F  
Eye Protection IND: YES  
Signal Word: WARNING  
Health Hazard: Moderate  
Contact Hazar

d: Moderate

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKIN, CNS, LUNG. ACUTE- DELIBERATELY CONCENTRATING & INHALING IS HARMFUL/FATAL. REPEATED/PROLONGED OVEREXPOSURE MAY CAUSE PERMANENT BRAIN DAMAGE. SEVERE EYE IRRITATION. SKIN/RESPIRATORY TRACT IRRITATION. HARMFUL IF INGESTED. CHRONIC- UNKNOWN. 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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