

LHB INDUSTRIES -- SO-SURE WATER DISPLACING COMPOUND AEROSOL 922

MSDS Safety Information

FSC: 6850

NIIN: 00-142-9409

MSDS Date: 07/16/1992

MSDS Num: BVYGP

Product ID: SO-SURE WATER DISPLACING COMPOUND AEROSOL 922C802

MFN: 02

Responsible Party

Cage: 0FTT5

Name: LHB INDUSTRIES

Address: 8833 FLEISCHER PLACE

Ci

ty: ST. LOUIS 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

Preparer Co. when other than Responsible Party Co.

Cage: 0FTT5

Name: LHB INDUSTRIES

Address: 8833 FLEISCHER PLACE

City: ST. LOUIS MO 63134

Contractor Summa

ry

Cage: 0FTT5

Name: LHB INDUSTRIES

Address: 8833 FLEISCHER PLACE

City: ST. LOUIS MO 63134

Phone: 314-522-3141

Item Description Information

Item Manager: GSA

Item Name: WATER-DISPLACING COMPOUND

Type/Grade/Class: TYPE 2, CLASS 2

Unit of Issue: BX

Quantitative Expression: 0000000012EA

UI Container Qty: G

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Ingredients

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Cas: 25619-56-1
RTECS #: CR0700000
Name: NEUTRAL BARIUM SULFONATE (SARA III)
% Wt: 2
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 64475-85-0
RTECS #: PY8240000
Name: MINERAL SPIRITS
% Wt: 17
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM

Cas: 64742-30-9
RTECS #: P
Y8036500
Name: MINERAL SEAL OIL
% Wt: 1
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 5 MG/M3
ACGIH TLV: 5 MG/M3

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 13
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 3
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ42000

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Name: N-BUTANE

% Wt: 4

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM

Cas: 71-55-6

RTECS #: KJ2975000

Name: 1,1,1-TRICHLOROEHANE (SARA III)

% Wt: 36

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 300 PPM

ACGIH TLV: 300 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Ozone Depleting Chemical: 1

RTECS #: 9999999VO

Name: VOC: 100%

Other REC Limits: NONE RECOMMENDED

Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: CONCENTRATING & INHALING CONTENTS MAY BE
HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE

W/PERM

BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREA, VAPOR IN HIGH
CONCENTRATION IS ANESTHETIC. SKIN & RESPIRATORY TRACT IRRIT.
LIGHTHEADED, STAG

GERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE
IRRIT.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT, AND
RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS

First Aid: FOR CONTACT WITH SKIN OR CLOTHES WASH WITH SOAP & WATER; WASH
CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES
& CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED, DO NOT
INDUCE

E VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR & GIVE ARTIFICIAL RESPIRATION IF NECESSARY & 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. MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE IN

ACCORD WITH FEDERAL, STATE & LOCAL

REGULATIONS. DO NOT PUNCTURE, INCINERATE OR STORE ABOVE 120F. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TRASH PICKUP. DO NOT PLACE IN HOME TRASHCOMPACTOR.

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

CAUTION-CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED

120F. AVOID BREATHING SPRAY, MIST OR VAPOR.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. 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.

Fire and Explosion Hazard Information

Flash Point Text: NR

Autoignition Temp Text: 874 F

Lower Limits: 1.8

Upper Limits: 9.5

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 BURSTING, RUPTURING, OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPERATURE (OVER 120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL CONTAINERS: DO NOT EXPOSE TO TEMPERATURE >120F.

Control Measures

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

Ventilation: LOCAL EXHAUST: PREFERRED. MECHANICAL (GENERAL): ACCEPTABLE AT POINT OF MIST OR SPRAY RELEASE.

Protective Gloves: TO PROTECT SKIN

Eye Protection: CHEMICAL SPLASH GOGGLES

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

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DO NOT EAT, D

RINK OR SMOKE
WHILE USING PRODUCT.

Physical/Chemical Properties

HCC: V3

B.P. Text: 118F,48C

Vapor Pres: 80PSIG@70F

Vapor Density: >1

Spec Gravity: 1.19 (WATER=1)

Evaporation Rate & Reference: NOT ESTABLISHED

Solubility in Water: NIL

Appearance and Odor: AMBER COLORED LIQUID; SOLVENT ODOR

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT

Hazardous Decomposition Products: CARBON MONOXIDE AND POSSIBLE HYDROGEN CHLORIDE

Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

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MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

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Responsible Party Cage: 0FTT5

Trans ID NO: 50301

Product ID: SO-SURE WATER DISPLACING COMPOUND AEROSOL 922C802

MSDS Prepared Date: 07/16/1992

Review Date: 11/30/1994

MFN: 2

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: BX

Container QTY: G

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Detail DOT Information

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DOT PSN Code: DTJ

Symbols: D

DOT Proper Shipping Name: CONSUMER COM

MODITY

Hazard Class: ORM-D

Label: NONE

Non Bulk Pack: 156,306

Bulk Pack: NONE

Max Qty Pass: 30KGROSS

Max Qty Cargo: 30KGROSS

Vessel Stow Req: A

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Detail IMO Information

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IMO PSN Code: AKH

IMO Proper Shipping Name: AEROSOLS/AEROSOL PRODUCT ?

IMDG Page Number: SEE 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: 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 WATER DISPLACING COMPOUND AEROSOL 922C802

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Str

reet: 8833 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

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and assume responsibility for the suitabilit

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