

LHB INDUSTRIES -- SO SURE MARINE CORPS GREEN #23,(64-341)

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MSDS Safety Information
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FSC: 8010
NIIN: 00-948-7388
MSDS Date: 04/23/1992
MSDS Num: BPGCF
Product ID: SO SURE MARINE CORPS GREEN #23,(64-341)
MFN: 03
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LO
UIS 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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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: ENAMEL
Specification Number: TT-E-527D
Unit of Issue: BX
Quantitative Expression: 00000000012EA
UI Container Qty: 0
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Ingredients

Cas: 64475-85-0

RTECS #: PY8240000

Name: MINERAL SPIRITS

% Wt: 12.81

Other REC Limits: NONE SPECIFIED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

Cas: 7758-97-6

RTECS #: GB2975000

Name: LEAD CHROMATE (SARA 313)

% Wt: 3.20

Other REC Limits: NONE SPECIFIED

OSHA PEL: 0.05 MG(CR)/M3

ACGIH TLV: 0.05 MG(CR)/M3

Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA 313)

% Wt: 14.66

Other REC Limits: NONE SPECIFIED

OSHA PEL: 200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA 313)

% Wt: 22.35

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 18.88

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1000 PPM

ACG

IH TLV: 1000 PPM

Cas: 75-28-5

RTECS #: TZ4300000

Name: ISOBUTANE

% Wt: 7.43

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 800 PPM

Cas: 106-97-8

RTECS #: EJ4200000

Name: N-BUTANE

% Wt: 4.64

Other REC Limits: NONE SPECIFIED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM

RTECS #: 9999999VO

Name: VOC: 634 G/L

Other REC Limits: NONE SPECIFIED
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Health Hazards Data

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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: CONCENTRATE/INHALE CONTENTS HARMFUL-FATAL. REPORTS
ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE W/PERMANENT
BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATES-ANESTHETIC.
IRRITATION: SKIN/RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE
IRRITATION. CON

TAINS LEAD: CHRONIC EXPOSURE TO LEAD MAY *

Explanation Of Carcinogenicity: RELATIVELY INSOLUBLE CHROMATES MAY CAUSE LUNG
CANCER.*

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT, AND
RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. *RESULT IN
SEVERE DAMAGE TO BLOOD FORMING/NERVOUS/URINARY/REPRODUCTIVE SYSTEMS.

REPEATED/PROLONGED OVEREXP OSURE TO RELATIVELY INSOLUBLE CHROMATESMAY
CAUSE
LUNG CANCER.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

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First Aid: SKIN/CLOTHES: WASH W/SOAP/WATER; WASH CLOTHES BEFORE REUSE. EYES: FLUSH W/WATER 15 MIN/CONTACT PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. INGEST: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. INHALE: MOVE TO FRESH AIR/ARTIFICIAL RESPIRATION IF NEEDED. MEDICAL AID. 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 AND VENTILATE AREA.
MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: IN ACCORDANCE W/APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE/INCINERATE/STORE ABOVE 120F. EXPOSURE TO HEAT/PROLONGED EXPOSURE TO SUN: CONTAINER MAY BURST. DISCARD EMPTY CAN IN TRASH PICK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR.

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

CAUTION-CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120F. AVOID BREATHING

SPRAY/MIST/VAPOR. AVOID CONTACT W/EYES/SKIN.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION.

READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY 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: NR

Autoi

gnition Temp Text: 874F

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 INEFFECTIVE/USED TO COOL EXPOSED CONTAINERS.
WEAR SELF-CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM BURST/RUPTURE/VENT OF CONTAINERS.

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

CONTAINER: DO NOT EXPOSE TO TEMPS 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: PREFERRED. MECHANICAL: 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, DRINK OR SMOKE
WHILE USING PRODUCT.

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Physical/Chemical Properties
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HCC: V3
Vapor Pres: 60 @ 68F
Vapor Density: >1.5
Spec Gravity: .972 (WATER=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: GREEN/PAINT
Percent Volatiles by Volume: 82
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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: EXTREME HEAT
Hazardous Decomposition Products: CARBON MONOXIDE, AND POSSIBLE HYDROGEN
CHLORIDE.
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: 94409
Product ID: SO SURE MARINE CORPS GREEN #23,(64-341)
MSDS Prepared Date: 04/23/1992
Review Date: 09/04/1992
MFN: 3
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
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: 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
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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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ail AFI Information

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AFI PSN Code: ALS

AFI Proper Shipping Name: AEROSOLS, NONFLAMMABLE, N.O.S.

AFI PSN Modifier: CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP I OR II

AFI Hazard Class: FORB

Back Pack Reference: FORBIDDEN
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HAZCOM Label

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Product ID: SO SURE MARINE CORPS GREEN #23,(64-341)

Cage: 0FTT5

Company Name: LHB INDUSTRIES

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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: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: CONCENTRATE/INHALE CONTENTS HARMFUL-FATAL. REPORTS
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TO RELATIVELY INSOLUBLE CHROMATES MAY CAUSE LUNG CANCER.
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ation is formulated for use by elements of the Department of Defense.

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