

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

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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.
IRRITAIO N: 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 Symptions 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, RUPT

URE 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, AMD 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:

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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

: -

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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Det

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
S
treet: 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
ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE W/PERMANENT
BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATES-ANESTHETIC.
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VOMITING. *RESULT IN SEVERE DAMAGE TO BLOOD
FORMING/NERVOUS/URINARY/REPRODUCTIVE SYSTEMS. REPEATED/PROLONGED
OVEREXPOSURE
TO RELATIVELY INSOLUBLE CHROMATES MAY CAUSE LUNG CANCER.
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