

MSDS Safety Information

FSC: 8010  
NIIN: 01-336-5062  
MSDS Date: 01/07/1993  
MSDS Num: BSSPC  
Product ID: ECO-SURE GRAY 16099 (674-180) P/N 672C880  
MFN: 02  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: SAINT LOUIS MO 63134  
Info Phone Number: 314-522-3141  
Emergency Phone  
Number: 314-522-3141 OR 800-424-9300  
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 Summary

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: ENAMEL  
Specification Number: A-A-2787  
Unit of Issue: PT  
UI Container Qty: 0

Ingredients

Cas: 1330-20-7  
RTECS #: ZE2100000  
Na

me: XYLENE (SARA III)  
% Wt: &lt;22.16  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 100 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS  
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Cas: 110-12-3  
RTECS #: MP3850000  
Name: METHYL ISOAMYL KETONE  
% Wt: 5.83  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 50 PPM  
ACGIH TLV: 50 PPM  
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Cas: 64742-95-6  
RTECS #: SE7546500  
Name: AROMATIC 150  
% Wt: &lt;2.92  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 5 PPM  
ACGIH TLV: 5 PPM  
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Cas: 64742-95-6  
RTECS #: SE7546500  
Name: AROMATIC 100  
% Wt: 5.83  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 50 PPM  
ACGIH TLV: 50 PPM  
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Cas: 108-10-1  
RTECS #: SA9275000  
Name: METHYL ISOBUTYL KETONE (SARA III)  
% Wt: &lt;2.92  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 100 PPM  
ACGIH TLV: 50 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 107-87-9  
RTECS #: SA7875000  
Name: METHYL PROPYL KETONE  
% Wt: &lt;2.92

Other REC Limits: NONE SPECIFIED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

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Cas: 95-63-6

RTECS #: DC3325000

Name: 1,2,4-TRIMETHYLBENZENE (SARA III)

% Wt: &lt;2.92

Other REC Limits: NONE SPECIFIED

OSHA PEL: 25 PPM

ACGIH TLV: 25 PPM

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Cas: 71-36-3

RTECS #: EO1400000

Name: N-BUTYL ALCOHOL (SARA III)

% Wt: &lt;2.92

Other REC Limits: NONE SPECIFIED

OSHA PEL: 50 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 115-10-6

RTECS #: PM4780000

Name: DIMETHYL ETHER

% Wt: 8.02

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 14.43

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM

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RTECS #: 9999999VO

Name: VOC: 65%

Other REC Limits: NONE SPECIFIED

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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

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. REPEATED/PROLONGED OVEREXPOSURE ASSOCIATED WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS, HIGH CONCENTRATIONS ARE ANESTHETIC. SKIN & RESPIRATORY TRACT IRRIT. LIGHT HEADED, S TAGGERING,

GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION

Signs And Symptions 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 AND WATER; WASH CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWE D, DO NOT INDUCE 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.

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Handling and Disposal

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Spill Release Procedures: REMOVE AL SOURCES OF IGNITION AND VENTILATE AREA. MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE IN ACCO

RD WITH FEDERAL, STATE, LOCAL

REGULATIONS. DON'T PUNCTURE, INCINERATE, OR STORE ABOVE 120F. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TR ASH PICK-UP. DO NOT PLACE IN HOME TRASHCOMPACTOR.

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

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READ ENTIRE LABEL BEFORE USING. FOLLOW AL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING OR SWALLOWING CONTE NTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information

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Flash Point Text: NR

Autoignition Temp Text: 662 F

Lower Limits: 2.2

Upper Limits: 18.0

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY. AV

OID 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 CONTAINER  
Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. AT ELEVATED  
TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE, OR BURST. AEROSOL  
CONTAINER; DON'T EXPOSURE TO TEMPERATURE ABOVE 120F

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Con  
trol Measures

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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, DRINK, OR SMOKE

WHILE USING PRODUCT.

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Physical/Chemical Properties

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HCC: V3  
Vapor Pres: 70 @ 68F  
Vapor Density: >1.522  
Spec Gravity: 1.065 (WATER=1)  
Solubility in Water: INSOLUBLE  
Appearance and Odor: GRAY / PAINT

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Reactivity Data

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Stability Indicator: YES  
Stability Condition To Avoid: EXTR  
EME HEAT  
Hazardous Decomposition Products: CARBON MONOXIDE  
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: 126919  
Product ID: ECO-SURE GRAY 1609  
9 (674-180) P/N 672C880  
MSDS Prepared Date: 01/07/1993  
Review Date: 12/21/1993  
MFN: 2  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: PT  
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: -  
EMS Number: 2-13

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Detail IATA Information

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IATA PSN Code: ALS  
IA

TA 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: ECO-SURE GRAY 16099 (674-180) P/N 672C880  
Cage: 0FTT5  
Company Name: LHB INDUSTRIES  
Street: 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  
Hazard And Precautions: CONCENTRATING & INHALING CONTENTS MAY BE  
HARMFUL/FATAL. REPEATED/PROLONGED OVEREXPOSURE ASSOCIATED WITH PERMANENT  
BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS, HIGH CONCENTRATIONS ARE  
ANESTHETIC. SKIN & RESPIRATORY TRACT IRRIT. LIGHT HEADED, STAGGERING,  
GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION IRRITATION TO  
EYES, THROAT, AND RESPIRATORY TRA

CT. MAY CAUSE HEADACHES, NAUSEA, AND  
VOMITING.

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