

LHB INDUSTRIES -- ECO-SURE GRAY (674-181) 16187 P/N 672C881

=====  
MSDS Safety Information  
=====

FSC: 8010  
NIIN: 01-331-6116  
MSDS Date: 12/18/1992  
MSDS Num: BSSMT  
Product ID: ECO-SURE GRAY (674-181) 16187 P/N 672C881  
MFN: 02  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: 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 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  
Type/Grade/Class: TYPE I  
Unit of Issue: PT  
UI Container Qty: 0  
Type of Container: METAL  
=====

=====

Ingredients

=====

Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE (SARA III)  
% Wt: &lt;21.97  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 100 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

-----

Cas: 110-12-3  
RTECS #: MP3850000  
Name: METHYL ISOAMYL KETONE  
% Wt: 5.84  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 50 PPM  
ACGIH TLV: 50 PPM

-----

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

-----

Cas: 64742-95-6  
RTECS #: SE7546500  
Name: AROMATIC 100  
% Wt: 5.84  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 50 PPM  
ACGIH TLV: 50 PPM

-----

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

y: 5000 LBS

-----  
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  
-----

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  
-----

Cas: 71-36-3  
RTECS #: EO1400000  
Name: N-BUTYL ALCOHOL  
% 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  
-----

Cas: 115-10-6  
RTECS #: PM4780000  
Name: DIMETHYL ETHER  
% Wt: 22.52  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
-----

RTECS #: 9999999VO  
Name: VOC: 65%  
Other REC Limits: NONE SPECIFIED  
-----

=====  
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 HARMFUL/ FATAL.

REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS ASSOCIATED WITH PERMANENT BRAIN

& NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS, HIGH CONCENTRATIONS ARE ANESTHETIC. SKIN & RESP TRACT IRRITATION. LIGHT HEADED, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRIT.

Signs And Symptoms Of O

verexposure: 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 SWALLOWED, DON'T

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.

=====  
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 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.

READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL

MISUSE BY DELI

BERATELY CONCENTRATION AND INHALING OR SWALLOWING CO NTNETS MAY  
BE HARMFUL OR FATAL.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Text: NR

Autoignition Temp Text: 662 F

Lower Limits: 3.4

Upper Limits: 18.0

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.  
AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEF  
FECTIVE, USE TO COOL FIRE EXPOSED

CONTAINER. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL FROM BURSTING,  
RUPTURING OR VENTING OF CONTAINERS.

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

=====  
Control Measures  
=====

Respiratory Protection: N

ONE 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.

=====  
Physical/Chemical  
Properties  
=====

HCC: V3

Vapor Pres: 63 @ 68F

Vapor Density: 1.6

Spec Gravity: 1.065 (WATER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: GRAY / PAINT  
=====

Reactivity Data  
=====

Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT

Hazardous Decomposition Products: CARBON MONOXIDE

Hazardous Polymerization Indicator: NO  
====

=====  
Toxicological Information  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

=====  
Transportation Information  
=====

Responsible Party Cage: 0FTT5  
Trans ID NO: 126069  
Product ID: ECO-SURE GRAY (674-181) 16187 P/N 672C881  
MSDS Prepared Date: 12/18/1992  
Review Date: 05/10/1995  
MFN: 2  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: PT  
Container QTY: 0  
Type Of Container: METAL  
Additional Data: NONE

=====  
Detail DOT Information  
=====

DOT PSN Code: AGC  
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,  
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.1  
UN ID Num: UN1950  
Label: FLAMMABLE GAS  
Special Provision: N82  
Non Bulk Pack: NONE  
Bulk Pack: NONE  
Max Qty Pass: 75 KG  
Max Qty

Cargo: 150 KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 40,48,85

=====  
Detail IMO Information  
=====

IMO PSN Code: AIY  
IMO Proper Shipping Name: AEROSOL DISPENSERS ?  
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS  
IMDG Page Number: 9022  
UN Number: 1950  
UN Hazard Class: 9?  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-13

=====  
Detail IATA Information  
=====

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

=====  
Detail AFI Information  
=====

=====  
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

=====  
HAZCOM Label  
=====

Product ID: ECO-SURE GRAY (674-181) 16187 P/N 672C881  
Cage: 0FTT5  
Company Name: LHB INDUSTRIES  
Street: 8833 FLEISCHER PLACE  
City: ST. LOU

IS MO  
Zipcode: 63134  
Health Emergency Phone: 800-424-9300 CHEMTREC/ 314-522-3141  
Label Required IND: Y  
Date Of Label Review: 05/10/1995  
Status Code: C  
MFG Label NO: UNKNOWN  
Label Date: 05/10/1995  
Origination Code: G  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Moderate  
Reactivity Hazard: None

Hazard And Precautions: CONCENTRATING & INHALING CONTENTS HARMFUL/ FATAL.  
REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS  
ASSOCIATED WITH PERMANENT BRAIN  
& NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS, HIGH CONCENTRATIONS ARE  
ANESTHETIC. SKIN & RESP TRACT IRRITATION. LIGHT HEADED, STAGGERING,  
GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRIT. IRRITATION TO  
EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND  
VOMITING.

=====  
Disclaimer (provided with this information by the compiling agencies): This  
information is formulate

d for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied  
warrants, states, or intends said information to have any application, use or  
viability by or to any person or persons outside the Department of Defense  
nor any person or persons contracting with any instrumentality of the United  
States of America and disclaims all liability for such use. Any person  
utilizing this instruction who is not a military or civilian  
employee of the

United States of America should seek competent professional advice to verify  
and assume responsibility for the suitability of this information to their  
particular situation regardless of similarity to a corresponding Department  
of Defense or other government situation.