

LHB INDUSTRIES -- ECO SURE GRAY #16099 (0664-180)

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

FSC: 8010  
NIIN: 01-350-4749  
MSDS Date: 04/29/1995  
MSDS Num: BZSZV  
Product ID: ECO SURE GRAY #16099 (0664-180)  
MFN: 02  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: ST. LOUIS MO 6  
3134  
Info Phone Number: 314-522-3141  
Emergency Phone Number: 800-424-9300 CHEMTREC/ 314-522-3141  
Preparer's Name: GREGRY M MCGOWAN  
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 2  
Unit of Issue: BX  
Quantitative Expression: 00000000012EA  
UI Container Qty: 0  
=====

=====

Ingredients

=====

Cas: 111-76-2  
RTECS #: KJ8575000  
Name: 2-BUTOXYETHANOL  
% Wt: 4.33  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 25 PPM  
ACGIH TLV: 25 PPM

-----  
Cas: 78-92-2  
RTECS #: EO1750000  
Name: SEC-BUTYL ALCOHOL (SARA 313)  
% Wt: 2.89  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 150 PPM  
ACGIH TLV: 100 PPM

-----  
Cas: 67-63-0  
RTECS #: NT8050000  
Name: ISOPROPYL ALCOHOL (SARA III)  
  
% Wt: 3.62  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM

-----  
Cas: 115-10-6  
RTECS #: PM4780000  
Name: DIMETHYL ETHER  
% Wt: 35.0  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED

-----  
RTECS #: 9999999VO  
Name: VOC: 47% (403 G/L)  
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/ PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. HIGH CONCENTRATINGS ANESTHETIC. SKIN & RESPIRATORY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Sympti

ons Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHE, 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 MINTUES. CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWE D, DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, GET FRESH AIR & GET ARTIFICIAL R

EAPIRATION IF NECESSARY. GET MED AID. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

=====

Handling and Disposal

=====

Spill Release Procedures: REMOVE ALL SOURCE 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. DON'T 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, VAPOR.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE B

Y DELIBERATELY CONCENTRATING AND INHALING OR SWALLOWING CO NTENTS MAY BE HARMFUL OR FATAL.

=====

Fire and Explosion Hazard Information

=====

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 INEFFECTIVE,USE TO KEEP FIRE EXPOSED CONTAINER

COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING, VENTING OF CONTAINERS  
Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE OR BURST.

=====  
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, DRINK, OR SMOKE WHILE USING PRODUCT.

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

Vapor Pres: 63 @68F  
Vapor Density: >1.6  
Spec Gravity: 1.025 (WATER=1)  
Solubility in Water: MISCIBLE  
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  
Conditions To Avoid Polymerization: EXTREME HEAT

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

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

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

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

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

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

Responsible Party Cage: 0FTT5  
Trans ID NO: 128184  
Product ID: ECO SURE GRAY #16099 (0664-180)  
MSDS Prepared Date: 04/29/1995  
Review Date: 07/08/1996  
MFN: 2  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: BX  
Container QTY: 0  
=====

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

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  
=====

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

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  
=====

=====  
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 N

ote 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 #16099 (0664-180)  
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. REPORTS ASS  
OCIATE REPEATED & PROLONGED OVEREXPOSURE W/  
PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. HIGH CONCENTRATIONS ANESTHETIC.  
SKIN & RESPIRATORY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING,  
GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.  
IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHE,  
NAUSEA, AND VOMITING.

=====  
Disclaimer (provided with this information by the compiling agencies): Thi

S

information is formulated 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.