

LHB INDUSTRIES -- ECO SURE GRAY 16307 (0664-182)

=====

MSDS Safety Information

=====

FSC: 8010

NIIN: 01-350-4751

MSDS Date: 04/29/1995

MSDS Num: BZJJY

Product ID: ECO SURE GRAY 16307 (0664-182)

MFN: 01

Responsible Party

Cage: 0FTT5

Name: LHB INDUSTRIES

Address: 8833 FLEISCHER PLACE

City: ST. LOUIS MO 63

134

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: 34.99
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

RTECS #: 9999999VO
Name: VOC: 45%; 398 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 CONCENTRATIONS ANESTHETIC. SKIN & RESPIRATORY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptom

Effects Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHE, NAUSEA, AND VOMITING.

Medical Condition 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 MINUTES. CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED, DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. INHALATION: GET 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 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 TRASH COMPACTOR.

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 BY D

UNLAWFULLY CONCENTRATING AND INHALING OR SWALLOWING CONTENTS 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

L. 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.
Supplemental Safety and Health: *SPECIFIC GRAVITY FOR AEROSOL = 0.887

Physical/Chemical Properties

Vapor Pres: 63 PSIG
Vapor Density: >1.6
Spec Gravity: 1.088 PAINT*
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: 128186
Product ID: ECO SURE GRAY 16307 (0664-182)
MSDS Prepared Date: 04/29/1995
Review Date: 05/14/1996
MFN: 1
Multiple KIT Number: 0
R
Review IND: Y
Unit Of Issue: BX
Container QTY: 0
Additional Data: AEROSOL
=====

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 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

Speci

al Provisions: P4

Back Pack Reference: A6.3

=====

HAZCOM Label

=====

Product ID: ECO SURE GRAY 16307 (0664-182)

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 ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE W/
PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. HIGH CONCENTRATINGS ANESTHETIC.
SKIN & RESPIRATO RY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING,
GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVER EYE IRRITATION.
IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHE,
NAUSEA, A ND VOMITING.

=====

=====

Disclaimer (provided with this information by the compiling agencies): This 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.