

LHB INDUSTRIES -- ECO SURE YELLOW 13538 P/C 672C830 VOC COMPLIA

=====

MSDS Safety Information

=====

FSC: 8010
NIIN: 01-331-6115
MSDS Date: 01/07/1993
MSDS Num: BSHPH
Product ID: ECO SURE YELLOW 13538 P/C 672C830 VOC COMPLIANT
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
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: <21.00
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: 5.88
Other REC Limits: NONE SPECIFIED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM

Cas: 64742-94-5
RT
ECS #: SE7546500
Name: AROMATIC 150
% Wt: <2.94
Other REC Limits: NONE SPECIFIED
OSHA PEL: 5 PPM
ACGIH TLV: 5 PPM

Cas: 64742-95-6
Name: AROMATIC 100
% Wt: 5.88
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: <2.94
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 107-87-9
RTECS #: SA7875000
Name: METHYL PROPYL KETONE
% Wt: <2.94
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM

Cas: 95-63-5
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE (SARA III)
% Wt: <2.94
Other REC Limits: NONE SPECIFIED
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA III)
% Wt: <2.94
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: 8.25
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 14.86
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

RTECS #: 9999999VO
Name: VOC: 65%
Other REC L

imits: 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 PRODUCT MAY BE HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYS DAMAGE. IN CONFINED AREAS VAPOR IN HIGH CONC ANESTH

ETIC. SKIN & RESP TRACT IRRIT. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF INGEST. SEVERE EYE IRRITATION

Signs And Symptoms 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. WASH CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES & CONTACT A PHYSICIAN/OPHTHAL

MOLOGIST IMMEDIATELY. IF SWALLOWED, DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR AND GIVE ARTIFICIAL RESPIRATION IF NECESSARY AND GET MEDICAL AID. NEVER GIVE ANTHYING BY MOUTH TO AN UNCONSCIOUS PERSON.

=====

Handling and Disposal

=====

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. MOP SPILLS WITH INERT ABSORBENT. AVOID BR EATHING 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. CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F. AVOID BREATHING SPRAY, MIST OR VAPOR.

Other Precautions:

AVOID CONTACT W/EYES OR SKIN. AVOID CONTACT W/EYES &
SKIN. USE W/GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING. FOLLOW LABEL
DIRECTIONS. CONCENTRATING & INHALING OR SWALLOWING CONTENTS MAY BE HARMF
UL/FATAL.

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

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

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

Respiratory Protection: NONE BELOW TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.
Ventilation: LOCAL EXHAUST: PREFERRED. MECANICAL (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 PER
SONAL HYGIENE. DO NOT EAT, DRINK OR SMOKE
WHILE USING PRODUCTS.

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

HCC: V3
Vapor Pres: 70 @ 68F
Vapor Density: >1.522
Spec Gravity: 1.057 PAINT
Solubility in Water: INSOLUBLE
Appearance and Odor: YELLOW; PAINT

=====
Reactivity Data
=====

Stability Indicat

or: 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: 126066
Product ID: ECO SURE YELLOW 13538 P/C 672C830 VOC COMPLIANT
MSDS Prepared Date: 01/07/1993
Review Date: 09/22/1993
MFN: 2
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0
Type Of Container: METAL
=====

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
Special Provisions: P4
Back Pack Reference: A6.3

=====

HAZCOM Label

=====

Product ID: ECO SURE YELLOW 13538 P/C 672C830 VOC COMPLIANT
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health E

mergency 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 PRODUCT MAY BE
HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED/PROLONGED OVEREXPOSURE TO
SOLVENTS

W/PERMANENT BRAIN & NERVOUS SYS DAMAGE. IN CONFINED AREAS VAPOR IN HIGH
CONC ANESTH ETIC. SKIN & RESP TRACT IRRIT. LIGHT HEADEDNESS, STAGGERING,
GIDDINESS, NAUSEA. HARMFUL IF
INGEST. SEVERE EYE IRRITATION IRRITATION TO
EYES, THROAT AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, 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
viab
ility 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 simil
arity to a corresponding Department
of Defense or other government situation.