

LHB INDUSTRIES -- 672C870 ECO SURE WHITE 17875 (674-170)

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

FSC: 8010  
NIIN: 01-331-6105  
MSDS Date: 01/07/1993  
MSDS Num: BTPLN  
Product ID: 672C870 ECO SURE WHITE 17875 (674-170)  
MFN: 01  
Responsible Party  
Cage: OFTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: ST LOU  
IS MO 63134  
Info Phone Number: 314-522-3141  
Emergency Phone Number: 314-522-3141  
Preparer's Name: RUDOLPH OPPENHEIM  
Review Ind: Y  
Published: Y

=====  
Preparer Co. when other than Responsible Party Co.  
=====

Cage: OFTT5  
Assigned Ind: Y  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: BERKELEYS MO 63134

=====  
Contractor Summary  
=====

Cage: 58536  
Name: GSA/FEDERAL COMMERCIAL ITEM DESCRIPTION  
Address: PROMULGATED BY GENERAL SERVICES ADMIN.  
City: WASHINGTON DC 00000  
Phone: UNKNOWN  
Cage: OFTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: BERKELEYS MO 63134  
Phone: 314-423-4333

=====  
Item Description Information  
=====

Item Manager: GSA  
Item Name: ENAMEL  
Unit of Issue: PT  
UI Con

tainer Qty: 0

=====  
Ingredients  
=====

Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE, DIMETHYLBENZENE, XYLOL  
% Wt: &lt;24.22  
Other REC Limits: 100 PPM  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM, SKIN  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

-----  
Cas: 110-12-3  
RTECS #: MP3850000  
Name: METHYL ISOAMYL KETONE, MIAK, 5-METHYL-2-HEXANONE  
% Wt: 5.69  
Other REC Limits: 50 PPM  
ACGIH  
TLV: 234 MG/CUM

-----  
Cas: 64742-95-6  
RTECS #: WF3400000  
Name: SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC, HIGH FLASH AROMATIC NAPHTHA  
% Wt: 8.54

-----  
Cas: 108-10-1  
RTECS #: SA9275000  
Name: HEXONE, METHYL ISOBUTYL KETONE (MIBK), 4-METHYL-2-PENTANONE  
% Wt: &lt;2.85  
Other REC Limits: 50 PPM  
OSHA PEL: 410 MG/CUM  
ACGIH TLV: 205 MG/CUM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

-----  
Cas: 107-87-9  
RTECS #: SA7875000  
Name: ME

THYL PROPYL KETONE

% Wt: &lt;2.85

Other REC Limits: 200 PPM

OSHA PEL: 700 MG/CUM

ACGIH TLV: 705 MG/CUM

-----  
Cas: 95-63-6

RTECS #: DC3325000

Name: 1,2,4-TRIMETHYLBENZENE

% Wt: &lt;2.85

ACGIH TLV: 25 PPM

-----  
Cas: 71-36-3

RTECS #: EO1400000

Name: BUTANOL, N-BUTYL ALCOHOL, PROPYL CARBINOL, BUTYL ALCOHOL

% Wt: &lt;2.85

Other REC Limits: 300 MG/CUM

OSHA PEL: 100 PPM

ACGIH TLV: C 152 MG/CUM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

-----  
Cas: 115-10-6

RTECS #: PM4780000

Name: DIMETHYL ETHER, METHYL ETHER

% Wt: 7.76

ACGIH TLV: NONE

-----  
Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 13.96

Other REC Limits: 1800 MG/CUM

OSHA PEL: 1000 PPM

ACGIH TLV: SIMPLE ASPHYXIANT

-----  
RTECS #: 9999999VO

Name: VOL ORGANIC CMPD: 584 G/L

-----  
RTECS #: 9999999WG

Name: WEIGHT PER GALLON IN POUNDS: 8.97 LBS

=====

=====

Health Hazards Data

=====

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: OVEREXPOSURE TO SOLVENTS MAY CAUSE BRAIN DAMAGE/NERVOUS SYSTEM DAMAGE, IN CONFINED AREAS VAPORS ARE ANESTHETIC. SKIN: IRRITATION. INHALATION: RESPIRATORY TRACT IRRITATION, HARMFUL IF SWALLOWED.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION

/LIGHT HEADEDNESS/STAGGERING

GAIT/GIDDINESS/NAUSEA/HEADACHES/VOMITING

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: SKIN: WASH W/SOAP/WATER. EYES: FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR/GIVE CPR IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

=====

Handling and Disposal

=====

=====

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION/VENTILATE AREA. MOP SPILLS W/INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: HEAT/PROLONGED SUN EXPOSURE MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TRASH PICK-UP. DON'T PLACE IN HOME TRASH COMPACTOR. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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

CAUTION-CONTENTS UNDER PRESSURE. DON'T STORE >120F. AVOID BREATHING

SPRAY/MIST/VAPOR. AVOID CONTACT W/SKIN/EYES.

Other Precautions: USE W/GOOD VENTILATION. READ & FOLLOW ALL DIRECTIONS ON LABEL. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL/FATAL. DON'T INCINERATE/STORE >120F. EXPOSURE TO HEAT /PROLONGED SUN EXPOSURE MAY CAUSE/BURST.

=====

Fire and Explosion Hazard Information

=====

Flash Point Tex

t: 5F/-15C

Lower Limits: 2.2

Upper Limits: 18.0

Extinguishing Media: CO2/DRY CHEMICAL/FOAM/SAND/WATER SPRAY. AVOID SPREADING ANY BURNING LIQUID W/WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE, BUT MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SCBA/SHIELDING TO PROTECT AGAINST BURSTING/RUPTURING/VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. CONTAINERS MAY VENT/RUPTURE/BURST AT TEMP >120F/48.9C. AUTO-IGNITION TEMP: 662F/350 C

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

Respiratory Protection: USE NIOSH/MSHA APPROVED MASK ABOVE TLV.

Ventilation: LOCAL EXHAUST: PERFERRERD. MECHANICAL (GENERAL): ACCEPTABLE AT POINT OF MIST/SPRAY RELEASE.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS CLOTHES/EYE WASH STATION

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. REMOVE/LAUNDRER CONTMINATED

CLOTHING BEFORE REUSE. DON'T EAT/SMOKE/DRINK WHILE USING PRODUCT.

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

HCC: V3

Vapor Pres: 70 PSIG

Vapor Density: >1.522

Spec Gravity: 1.076

Solubility in Water: INSOLUBLE

Appearance and Odor: WHITE/PAINT

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

Stability

Indicator: YES

Stability Condition To Avoid: EXTREME HEAT. TEMP >120F & OTHER IGNITION SOURCES, PROLONG EXPOSURE TO SUN.

Hazardous Decomposition Products: CO

Hazardous Polymerization Indicator: NO

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

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

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

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

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

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

=====  
Product ID: 672C870 ECO SURE WHITE 17875 (674-170)

Cage: OFTT5

Assigned IND: Y

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: BERKELEYS MO

Zipcode: 63134

Health Emergency Phone: 314-522-3141

Label Required IND: Y

Date Of Label Review: 04/13/1994

Status Code: C

Label Date: 04/13/1994

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Severe

Contact Hazard: Severe

Fir

e Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: OVEREXPOSURE TO SOLVENTS MAY CAUSE BRAIN DAMAGE/NERVOUS SYSTEM DAMAGE. SKIN: IRRITATION. INHALATION: RESPIRATORY TRACT IRRITATION. IN CONFINED AREAS VAPORS ARE ANESTHETIC. HARMFUL IF SWALLOWED. TARGET ORGANS: EYES/SKIN/RESPIRATORY TRACT/BRAIN/NERVOUS SYSTEM. ORGANS: EYES, LUNGS & CENTRAL NERVOUS SYSTEM.

=====  
Disclaimer (provided with this information by the comp

iling 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 thi

s 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.