

LIGHTHOUSE FOR BLIND OF HOUS -- GLASS CLEANER,ANTIFOGGING,TYPE II,CLASS I

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

FSC: 7930
NIIN: 00-901-2088
MSDS Date: 06/09/1993
MSDS Num: BZLHV
Product ID: GLASS CLEANER,ANTIFOGGING,TYPE II,CLASS I
MFN: 03
Responsible Party
Cage: 1A862
Name: LIGHTHOUSE FOR THE BLIND OF HOUSTON
Address: 3530 W DALLAS
City: HOUSTON TX 77019
Info Phone Number: 713-527-9561
Emergency Phone Number: 713-268-2505
Preparer's Name: IAN SANGREE
Review Ind: Y
Published: Y

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

Cage: 1A862
Name: LIGHTHOUSE FOR THE BLIND OF HOUSTON
Address: 3530 W DALLAS
Box: 130435
City: HOUSTON TX 77021-0435
Phone: 713-268-9319

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

Item Manager: GSA
Item Name: GLASS CLEANER
Specification Number: A-A-40
Type/Grade/Class: TYPE 2,CLASS 1
Unit of Issue: GL
UI Container Qty: 4
Type of Container: PLASTIC BOTTLE

=====
Ingredients
=====

Cas: 111-76-2
RTECS #: KJ8575000
Name: 2-BUTOXYETHANOL/ETHYLENE GLYCOL MONOBUTYL ETHER
% Wt: 5.5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: S, 50 PPM
ACGIH TLV: S, 25 PPM; 9596

Cas: 67-63-0
RTECS #: NT8050000
Name: ISOPROPYL ALCOHOL (SARA 313)
% Wt: 4.5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM/500STEL;9596

=====
Health Hazards Data
=====

LD50 LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: TARGET ORGANS
:EYE, SKIN, RESPIRATORY & GI TRACTS.
ACUTE & CHRONIC - EYE CONTACT MAY CAUSE IRRITATION & CORNEAL INJURY.
PROLONGED SKIN ABSORPTION, INHALATION OR SWALLOWING MAY CAUSE HEADACHE,
DIZZINESS, NAUSEA & VOMITING. MAY CAUSE MUCOUS MEMBRANE IRRITATION.
Explanation Of Carcinogenicity: NONE
Signs And Symptoms Of Overexposure: IRRITATION, TEARING, NAUSEA, VOMITING,
HEADACHES, DIARRHEA, DIZZINESS
Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS,
EYE
PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE
EFFECTS OF THIS PRODUCT.
First Aid: CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER
FOR 15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP &
WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF
CONSCIOUS, DRINK WATER & INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL
CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS
UNCONSCIOUS OR HAS CONVULSIONS.

=====
Handling and Disposal
=====

Spill Release Procedures: PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS WITH
INERT MATERIAL SUCH AS SAND OR VERMICULITE OR USE PUMP. PLACE IN PROPER
CONTAINERS FOR DISPOSAL. DO NOT FLUSH TO SEWER OR WATERWAYS. WASH SPILL AREA
WITH WATER.
Neutralizing Agent: NOT RELEVANT
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STA

TE AND

FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

Handling And Storage Precautions: STORE IN COOL, DRY PLACE, AWAY FROM SPARKS, FLAMES, OXIDIZING AGENTS. AVOID FREEZING.

Other Precautions: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT INHALE. DO NOT GET IN EYES OR ON SKIN. DO NOT CONTAMINATE FOOD AND FEED.

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

Flash Point Method: TCC

Flash Point Text: 120F,49C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. EVACUATE PERSONNEL TO A SAFE AREA.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL

CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: ADEQUATE

Protective Gloves: BUTYL RUBBER

Eye Protection

: CHEMICAL SPLASH GOGGLES/SAFETY GLASSES

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

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

HCC: F4

NRC/State LIC No: NOT RELEVANT

B.P. Text: 180F,82C

M.P/F.P Text: 25.0F,-3.9C

Decomp Text: UNKNOWN

Vapor Pres: <1

Vapor Density

: >1
Spec Gravity: <1
PH: 9 - 11
Viscosity: UNKNOWN
Evaporation Rate & Reference: UNKNOWN
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR, BLUE COLOR LIQUID - MILD ALCOHOL ODOR
Corrosion Rate: UNKNOWN

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

Stability Indicator: YES
Stability Condition To Avoid: EXCESSIVE HEAT, SPARKS, FLAME, FREEZING
Materials To Avoid: OXIDIZING AGENTS
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND OTHER HYDROCARBONS
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

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

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

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

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

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

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

Responsible Party
Cage: 1A862
Trans ID NO: 90985
Product ID: GLASS CLEANER,ANTIFOGGING,TYPE II,CLASS I
MSDS Prepared Date: 06/09/1993
Review Date: 06/11/1996
MFN: 3
Tech Entry NOS Shipping Nm: CONTAINS ISOPROPANOL (4.5%).
Radioactivity: NOT RELEVANT
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: 4
Type Of Container: PLASTIC BOTTL
Additional Data: PROPER SHIPPING NAME, UN ID NUMBER, PER MSDS.

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

=====
DOT PSN Code: GJL
Symbols: G
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 203
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A
=====

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

IMO PSN Code:
HIA
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3345
UN Number: 1993
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T
=====

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

IATA PSN CA
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group:
III
Packing Note Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310
=====

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

AFI PSN CA
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3
=====

HAZCOM Label
==

=====
Product ID: GLASS CLEANER,ANTIFOGGING,TYPE II,CLASS I

Cage: 1A862

Company Name: LIGHTHOUSE FOR THE BLIND OF HOUSTON

Street: 3530 W DALLAS

PO Box: 130435

City: HOUSTON TX

Zipcode: 77021-0435

Health Emergency Phone: 713-268-2505

Label Required IND: Y

Date Of Label Review: 06/11/1996

Status Code: C

MFG Label NO: UNKNOWN

Label Date: 06/11/1996

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Health Hazard:

Moderate

Contact Hazard: Moderate

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.

ACUTE & CHRONIC - EYE CONTACT MAY CAUSE IRRITATION & CORNEAL INJURY.

PROLONGED SKIN ABSORPTION, INHALATION/SWALLOWING MAY CAUSE CNS EFFECTS. STORE

AWAY FROM INCOMPATIBLES. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND/USE

PUMP. PLACE IN PROPER CONTAINERS FOR DISPOSAL. FIRST AID- CALL PHYSICIAN IF

SYMPTOMS PERSIST. EYE:I

IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD

EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER.INHALED:REMOVE

TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK WATER

& INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

=====
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 com

petent 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.