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===== Product Identification =====

Product ID:GLASS CLEANER ANTIFOGGING

MSDS Date:11/06/1990

FSC:7930

NIIN:00-901-2088

MSDS Number: BJZFS

=== Responsible Party ===

Company Name:THE LIGHTHOUSE OF HOUSTON

Address:3530 W DALLAS

Box:130435

City:HOUSTON

State:TX

ZIP:77021-0435

Country:US

Info Phone Num:713-268-9319

Emergency Phone Num:713-268-9319

Preparer's Name:IAN SANGREE

CAGE:1A861

=== C

Contractor Identification ===

Company Name:LIGHTHOUSE FOR THE BLIND OF HOUSTON

Address:3530 W DALLAS

Box:130435

City:HOUSTON

State:TX

ZIP:77021-0435

Country:US

Phone:713-268-9319

CAGE:1A862

Company Name:THE LIGHTHOUSE OF HOUSTON

Address:3530 W. DALLAS

City:HOUSTON

State:TX

ZIP:77019

Country:US

Phone:713-527-9561/FAX 713-527-8165

CAGE:1A861

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===== Composition/Information on Ingredients =====

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 6.6%

Other RE

C Limits:NONE SPECIFIED  
OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 4.9%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:SILWET L-7001  
Fraction by Wt: 1.1%  
Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM HYDROXIDE (SARA III)  
CAS:1336-21-6  
RTECS #:BQ9625000  
Fraction by Wt: 0.03%  
Other REC Limits:NONE SPECIFIED  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 L  
BS

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===== Hazards Identification =====

Health Hazards Acute and Chronic:HEADACHES, DIZZINESS, NAUSEA, VOMITING AND DIARRHEA MAY OCCUR DUE TO PROLONGED INHALATION, PROLONGED SKIN ABSORPTION OR FROM SWALLOWING. CONTACT WITH EYES MAY CAUSE EYE IRRITATION AND POSSIBLE CORNEAL INJURY. MAY CAUSE MUCOUS MEMBRANE IRRITATION.

Effects of Overexposure:HEADACHES, DIZZINESS, NAUSEA, VOMITING AND DIARRHEA MAY OCCUR DUE TO PROLONGED INHALATION, PROLONGED SKIN ABSORPTION OR FROM SWALLOWING. CONTACT WITH EYES MAY CAUSE EYE IRRITATION AND POSSIBLE CORNEAL INJURY. MAY CAUSE MUCOUS MEMBRANE IRRITATION.

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===== First Aid Measures =====

First Aid:EYE CONTACT:REMOVE ANY CONTACT LENSES AND FLUSH WITH WATER FOR 15 MINUTES. SWALLOWED:DRINK TWO GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. PROLONGED EXPOSURE TO SKIN MAY CAUSE CONTACT DERMITITIS, CONTACT PHYSICIAN IF I

RRITATION  
PERSISTS.

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Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:120F/49C

Extinguishing Media:WATER FOG, CO2, DRY CHEMICAL EXTINGUISHER, FOAM.

Fire Fighting Procedures:FIRE-FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND TURN-OUT GEAR.

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Accidental Release Measures  
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Spill Release Procedures:FOR LARGE INDUSTRIAL SPILLS, ELIMINATE IGNITION SOURCES. STOP SPILL AT

ONCE, CONTAIN SPILL BY DIKE OR

OTHER MEANS. PUMP INTO SALVAGE TANK. WASH FLOOR WITH WATER.

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Handling and Storage  
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Handling and Storage Precautions:KEEP CONTAINERS CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA.

Other Precautions:KEEP FROM FREEZING AND KEEP AWAY FROM IGNITION SOURCES.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NIOSH CARTRIDGE RESPIRATOR IF VAPORS EXCEED TLV.

Ventilation:

USE IN WELL VENTILATED AREA.

Protective Gloves:RUBBER OR BUTYL

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:RUBBER APRON AND RUBBER BOOTS.

Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:F4

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

Decomp Temp:Decomp Text:120FW/IGNIT

Vapor Pres:< 1

Vapor Density:> 1

Spec Gravity:.997

pH:9-11

Viscosity:< 1 WATER=1

Solubility in Water:INFINITELY

Appearance and Odor:WATER CLEAR, MILD ALCOHOL

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZING MATERIALS

Stability Condition to Avoid: KEEP AWAY FROM STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: BURNING MAY PRODUCE CO, CO<sub>2</sub> AND OTHER HYDROCARBONS.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

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