

LIGHTHOUSE FOR BLIND (ST. LO -- SOSURE 1,1,1-TRICHLOROETHANE

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MSDS Safety Information  
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FSC: 6810  
NIIN: 01-359-5545  
MSDS Date: 02/23/1993  
MSDS Num: BQVQF  
Product ID: SOSURE 1,1,1-TRICHLOROETHANE  
MFN: 01  
Responsible Party  
Cage: 1A864  
Name: LIGHTHOUSE FOR THE BLIND (ST. LOUIS)  
Address: 10440 TRENTON AVE  
City: ST. LOUIS MO 63132-1223  
Info Phone Number: 314-423-4333  
Emergency Phone Number: 314-423-4333  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 1A864  
Name: LIGHTHOUSE FOR THE BLIND INC  
Address: 10440 TRENTON AVE  
City: ST. LOUIS MO 63132-1223  
Phone: 314-423-0139

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Item Description Information  
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Item Manager: S9G  
Item Name: TRICHLOROETHANE, TECHNICAL  
Specification Number: O-T-620  
Type/Grade/Class: UNKNOWN  
Unit of Issue: CN  
Quantitative Expression: 00000000019OZ  
UI Container Qty: 1  
Type of Container: AEROSOL CAN

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Ingredients  
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Cas: 71-55-6  
RTECS #: KJ2975000  
Name: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)  
% Wt: 94.32  
Other REC Limits: NONE RECOMMENDED

OSHA PEL: 350 PPM/450 STEL  
ACGIH TLV: 350 PPM/450STEL;9293  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS  
Ozone Depleting Chemical: 1

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Cas: 109-87-5  
RTECS #: PA8750000  
Name: METHYLAL (DIMETHOXYMETHANE)  
% Wt: 1.86  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM; 9293

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Cas: 75-65-0  
RTECS #: EO1925000  
Name: TERT-BUTYL ALCOHOL (SARA III)  
% Wt: 1.47  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 100 PPM  
ACGIH TLV: 100P  
PM 9394

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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND  
INGALING THE CONTENTS MAY BE HARMFUL OF FATAL. REPORTS ASSOCIATE  
PROLONGED/REPEATED EXPOSURE TO SOLVENTS WITH PERMANENT B  
RAIN AND NERVOUS  
SYSTEM DA MAGE. HIGH CONCENTRATIONS ARE ANESTHETIC. HARMFUL IF SWALLOWED.  
IRRITANT TO EYES, SKIN, RESPIRATORY TRACT.  
Explanation Of Carcinogenicity: NO EXPLANITORY INFORMATION GIVEN ON MSDS BY  
MFR.  
Signs And Symptions Of Overexposure: IRRITATION TO EYES, THROAT, AND  
RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. CAN CAUSE  
IRRITATION TO EYES AND SKIN.  
Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS  
First Aid: IF IRRITATION PERSISTS OR IS SEVERE,

SEE A DOCTOR. EYE:FLUSH  
W/WATER 15 MIN, SEE PHYSICIAN. SKIN:WASH WITH SOAP & WATER. REMOVE  
CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR.  
AID/RESTORE BREATHING IF NECESSARYAND GET MEDICAL AID. INGESTED:DO NOT INDUCE  
VOMITING. GET IMMEDIATE MEDICAL CARE. NOTHING BY MOUTH IF UNCONSCIOUS.

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Handling and Disposal  
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA.  
PICK UP SPILLS WITH INERT ABSORBENT MATERIALS. WEAR SKIN, EYE & RESPIRATORY PROTECTION.

Neutralizing Agent: NO INFORMATION GIVEN ON MSDS BY MFR.  
Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.  
DO NOT PUNCTURE, INCINERATE OR STORE ABOVE 120F. EXPOSURE TO HEAT OR  
PROLONGED EXPOSURE TO DIRECT SUN MAY CAUSE CONATAINER TO BURST. DISCARD EMPTY  
CAN IN TRASH PICKUP. DO NOT PLACE IN HOME COMPACTOR.

Handling And Storage Precautions: STORE BELOW 120 F. CONTENTS UNDER PRESSURE.  
DO NOT PUNCTURE OR INCINERATE. DEPRESSURIZE BEFORE DISPOSAL. KEEP OUT OF  
REACH OF CHILDREN.

Other Precautions: AVOID BREATHING VAPORS AND CONTACT WITH SKIN OR EYES. USE  
WITH GOOD VENTILATION. READ LABEL BEFORE USING. FOLLOW LABEL DIRECTIONS.  
INTENTIONAL MISUSE BY CONCENTRATING AND INHALING OR SWALLOWING CONTENTS MAY  
BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information  
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Flash Point Text: NONE  
Autoignition Temp Text: "N/A"  
Lower Limits: "N/A"  
Upper Limits: "N/A"  
Extinguishing Media: PRODUCT IS DOES NOT BURN. EXTINGUISH FIRE WITH MEDIA  
APPROPRIATE FOR SOURCE OF FIRE.  
Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO  
COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard: EXPOSURE TO TEMPERATURES OVER 130 F MAY RESULT  
IN RUPTURE OF THE CONTAINER. PRODUCT CAN BE IGNITED BY HIGH INTESNITY HEAT,  
I.E. SPARKS @ ELEVATED TEMP.OR PRESS.

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Control Measures  
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Respiratory Protection: USE MSHA/NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPOR.  
FOR HIGH OR UNKNOWN CONCENTRATIONS AND DEFICIENT ATMOSPHERES, USE MSHA/NIOSH  
APPROVED POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR.  
Ventila

tion: MECHANICAL(GENERAL) ACCEPTABLE AT POINT OF MIST OR SPRAY. LOCAL EXHAUST PREFERRED.

Protective Gloves: TO PROTECT SKIN

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER, PLUS IMPERVIOUS CLOTHES TO PROTECT SKIN.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DO NOT EAT, DRINK, OR SMOKE WHILE USING PRODUCT. :AVOID ALL UNNECESSARY CONTACT W/PRODUCT

Supplemental Safety and Health: KEY2:KT

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### Physical/Chemical Properties

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HCC: V2

NRC/State LIC No: NONE

B.P. Text: "N/A"

M.P/F.P Text: "N/A"

Decomp Text: "N/A"

Vapor Pres: 90 PSIG

Vapor Density: 4.5

Spec Gravity: 1.306

PH: "N/A"

Viscosity: UNKNOWN

Evaporation Rate & Reference: 0.37 (ETHER = 1)

Solubility in Water: INSOLUBLE

Appearance and Odor: CLEAR LIQUID, ETHER-LIKE ODOR

Percent Volatiles by Volume: 98

Corrosion Rate: "N/A"

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### Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: EXPOSURE TO RED HOT SURFACES OR HIGH INTENSITY UV LIGHT.

Materials To Avoid: STRONG OXIDIZERS, STRONG ALKALIS. REACTS VIOLENTLY WITH ALKALI AND ALKALINE EARTH METALS.

Hazardous Decomposition Products: HYDROGEN CHLORIDE AND TRACES OF PHOSGENE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 1A864  
Trans ID NO: 129122  
Product ID: SOSURE 1,1,1-TRICHLOROETHANE  
MSDS Prepared Date: 02/23/1993  
Review Date: 06/11/1993  
MFN: 1  
Tech Entry NOS Shipping Nm: 1,1,1-TRICHLO  
ROETHANE  
Net Unit Weight: 1.62 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CN  
Container QTY: 1  
Type Of Container: AEROSOL CAN

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Detail DOT Information  
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DOT PSN Code: AGD  
DOT Proper Shipping Name: AEROSOLS, NON-FLAMMABLE,  
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.2  
UN ID Num: UN1950  
Label: NONFLAMMABLE GAS  
Non Bulk Pack: NONE  
Bulk Pack: NONE  
Max Qty P

ass: 75 KG  
Max Qty Cargo: 150 KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 48,85

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Detail IMO Information  
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IMO PSN Code: AIY  
IMO Proper Shipping Name: AEROSOL DISPENSERS ?  
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS  
IMDG Page Number: 9022  
UN Number: 1950  
UN Hazard Class: 9?  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-13  
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Detail IATA Information  
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IATA PSN Code: ANB  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, NON-FLAMMABLE  
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
IATA UN Class: 2.2  
IATA Label: NON-FLAMMABLE GAS  
Packing Note Passenger: 203  
Max Quant Pass: 75 KG  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 203  
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Detail AFI Information  
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AFI PSN Code: HDO  
AFI Symbols: \*  
AFI Proper Shipping Name: COMPRESSED GAS, N.O.S.  
AFI Hazard Class: 2.2  
AFI UN ID NUM: UN1956  
Special Provisions: P5  
Back Pack Reference: A6.3, A6.5,A6.6  
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HAZCOM Label  
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Product ID: SOSURE 1,1,1-TRICHLOROETHANE  
Cage: 1A864  
Company Name: LIGHTHOUSE FOR THE BLIND INC  
Street: 10440 TRENTON AVE  
City: ST. LOUIS MO  
Zipcode: 63132-12

23

Health Emergency Phone: 314-423-4333

Label Required IND: Y

Date Of Label Review: 06/11/1993

Status Code: C

MFG Label NO: NONE

Label Date: 06/11/1993

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: MISUSE BY DELIBERATELY CONCENTRATING AND INHALING PRODUCT MAY BE HARMFUL OF FATAL. HIGH CONCENTRATIONS ARE ANESTHETIC. HARMFUL

IF SWALLOWED. PROLONGED/REPEATED EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM DAMAGE. STORE BELOW 120 F. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE. DEPRESSURIZE BEFORE DISPOSAL. KEEP AWAY FROM CHILDREN. FIRST AID:EYE:FLUSH W/WATER 15 MIN, SEE PHYSICIAN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. AID/RESTORE BREATHING IF NECESSARY AND GET MEDICAL AID. INGESTED:DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL CARE. NOTHING BY MOUTH IF UNCONSCIOUS.

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