

LIGHTHOUSE FOR BLIND INC -- 0892-800,POWER SPRAY TOOL,POWER PAK (0894-000)

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MSDS Safety Information
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FSC: 4940
NIIN: 00-803-6444
MSDS Date: 02/10/1996
MSDS Num: CCHVK
Product ID: 0892-800,POWER SPRAY TOOL,POWER PAK (0894-000)
MFN: 01
Kit Part: Y
Responsible Party
Cage: 1A864
Name: LIGHTHOUSE FOR THE BLIND INC
Address:
10440 TRENTON AVE
City: SAINT LOUIS MO 63132-1223
Info Phone Number: 314-423-0139
Emergency Phone Number: 314-423-0139
Preparer's Name: GREGORY M. MCGOWAN
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134
Phone: 314-522-3141
Cage: 1A864
Name: LIGHTHOUSE FOR THE BLIND INC
Address: 10440 TRENTON AVE
City:
y: ST. LOUIS MO 63132-1223
Phone: 314-423-0139

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Item Description Information
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Item Manager: S9C
Item Name: SPRAY KIT,SELF PRESSURIZED
Specification Number: MIL-S-22805
Type/Grade/Class: NONE
Unit of Issue: KT
UI Container Qty: 1
Type of Container: AEROSOL CANS

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Ingredients
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Cas

: 811-97-2

Name: 1,1,1,2-TETRAFLUOROETHANE

% Wt: 100

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: EYES/SKIN: CONTACT WITH LIQUID MAY CAUSE FROSTBITE.

INHALATION: DENSE VAPOR DISPLACES/REDUCES OXYGEN AVAILABLE FOR BREATHING AND IS HEAVIER THAN AIR. INHALING CONCENTRATED VAPORS CAN CAUSE DROWSINESS, UNCONSCIOUSNESS, RESPIRATORY DEPRESSION AND DEATH DUE TO ASPHYXIATION.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: EYES/SKIN: FROSTBITE, IRRITATION.

INHALATION: IRRITATION OF THROAT, RESPIRATORY TRACT, HEADACHES, NAUSEA, DROWSINESS, UNCONSCIOUSNESS, RESPIRATORY DEPRESSION, DEATH DUE TO ASPHYX

IATION. MATERIAL INCREASES SENSITIVITY TO ADRENALINE, POSSIBLY RESULTING IN RAPID HEARTBEAT, IRREGULAR HEARTBEAT, DEPRESSION OF CARDIAC FUNCTION.

Medical Cond Aggravated By Exposure: PERSONS WITH PREEXISTING HEART DISEASE MAY BE AT INCREASED RISK FROM EXPOSURE AND SHOULD HAVE LIMITED EXPOSURE.

First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION. SKIN: FLUSH AREA WITH LUKEWARM WATER (NOT HOT), OR USE OTHER MEANS TO WARM SKIN SLOWLY. GET MEDICAL ATTENTION IF FROSTBITTEN OR IF

IRRITATION OCCURS.

INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. EXPOSURE BY INGESTION IS NOT ANTICIPATED.

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Handling and Disposal
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. AVOID BREATHING VAPORS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER

ER.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DISCARD EMPTY CANS IN TRASH PICK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR. DO NOT PUNCTURE, INCINERATE OR STORE ABOVE 120F.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F. AVOID BREATHING VAPOR.

Other Precautions: AVOID CONTACT WITH EYES OR SKIN. USE WITH GOOD VENTILATION. FOLLOW LABEL DIRECTIONS. DO NOT PUNCTURE OR INCINERATE. PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. INTENTIONAL MISUSE BY CONCENTRATING AND INHALING MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: NONE

Lower Limits: NONE

Upper Limits: NONE

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 WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL FROM BURSTING, RUPTURING, VENTING CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT TEMPERATURES OVER 120F, CONTAINERS MAY VENT, RUPTURE, OR BURST. AEROSOL CONTAINER; DO NOT EXPOSE TO TEMPERATURE ABOVE 120F.

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Control Measures
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Respiratory Protection: NONE REQUIRED BELOW TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.

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

Protective Gloves: WEAR GLOVES TO PROTECT SKIN.

Eye Protection: WEAR CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: WEAR IMPERVIOUS CLOTHING TO PROTECT SKIN. PROVIDE EYE WASH STATION.

Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. DO NOT

EAT, DRINK OR SMOKE WHILE USING PRODUCT.

Supplemental Safety and Health: NONE

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Physical/Chemical Properties
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HCC: V2

Vapor Pres: 68 PSIG

Vapor Density: 3.52

Spec Gravity: 1.210 AEROSOL

Evaporation Rate & Reference: >>1 (BU AC=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: COLORLESS GAS WITH ETHERAL ODOR.

Percent Volatiles by Volume: 100

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT.

Materials To Avoid: STRONG ALKALIES AND STRONG OXIDIZERS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AND HYDROGEN FLOURIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR. AVOID FLAMES, EXTREMELY HOT SURFACES, HEATING ELEMENTS, ETC.

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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: 86190

Product ID: 0892-800,POWER SPRAY TOOL,POWER PAK (0894-000)

MSDS Prepared Date: 02/10/1996

Review Date: 08/19/1997

MFN: 1

Tech Entry NOS Ship

ping Nm: 1,1,1,2-TETRAFLUOROETHANE
Net Unit Weight: UNKNOWN
AF MMAC Code: NR
Multiple KIT Number: 0
Kit Part IND: Y
Review IND: Y
Unit Of Issue: KT
Container QTY: 1
Type Of Container: AEROSOL CANS
Additional Data: NONE

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Detail DOT Information
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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

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Detail IMO Information
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IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o
IMDG Page Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620

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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: ANB
AFI

Proper Shipping Name: AEROSOLS, NON-FLAMMABLE, N.O.S.

AFI PSN Modifier: ,(EACH NOT EXCEEDING 1L CAPACITY)

AFI Hazard Class: 2.2

AFI UN ID NUM: UN1950

Special Provisions: P4

Back Pack Reference: A6.3

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HAZCOM Label

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Product ID: 0892-800,POWER SPRAY TOOL,POWER PAK (0894-000)

Cage: 1A864

Company Name: LIGHTHOUSE FOR THE BLIND INC

Street: 10440 TRENTON AVE

City: ST. LOUIS MO

Zipcode: 63132-

1223

Health Emergency Phone: 314-522-3141,800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 08/19/1997

Status Code: C

Label Date: 08/19/1997

Year Procured: 1996

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Moderate

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: CONTACT WITH LIQUID MAY CAUSE FROSTBITE. DENSE VAPOR
DISPLACES OXYGEN AND IS HEAVIER

THAN AIR. INHALING CONCENTRATED VAPORS CAN

CAUSE UNCONSCIOUSNESS AND DEATH DUE TO ASPHYXIATION. KEEP OUT OF REACH OF
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ATTENTION. SKIN: FLUSH AREA WITH LUKEWARM WATE R (NOT HOT). GET MEDICAL
ATTENTION IF FROSTBITTEN OR IRRITATION OCCURS. INHALATION: MOVE TO FRESH AIR.
IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET

MEDICAL

ATTENTION. TARGET OR GANS: EYES, SKIN, RESPIRATORY SYSTEM.

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