

LELAND LIMITED INC -- PROPANE

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MSDS Safety Information
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FSC: 6830
NIIN: 01-320-8823
MSDS Date: 12/09/1994
MSDS Num: BXQHL
Product ID: PROPANE
MFN: 02
Responsible Party
Cage: 2W134
Name: LELAND LIMITED INC
Address: 382 SOMERVILLE RD
City: BEDMINSTER NJ 07921-9779
Info Phone Number: 201-234-1750
Emergency Phone Number: 201-234-1750
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 26840
Name: HALE FIRE PUMP CO
Address: 700 SPRING MILL AVE
City: CONSHOHOCKEN PA 19428-1954
Phone: 215-825-6300
Cage: 2W134
Name: LELAND LTD INC
Address: 2614 S CLINTON AVE
City: SOUTH PLAINFIELD NJ 07080
Phone: 908-561-2000; 908-568-1310

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Item Description Information
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Item Manager: S9G
Item Name: PROPANE CARTRIDGE
Unit of Issue: BX
Quantitative Expression: 00000000036EA
UI Container Qty: 1
Type of Container: BOX

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Ingredients
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Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 100
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TL

V: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: INHALATION-HIGH LEVELS MAY PRODUCE DISORIENTATION, EXCITATION, EXCESS SALIVATION, HEADACHE, VOMITING. SIMPLE ASPHYXIATION AT CONCENTRATIONS OF 33% MAY CAUSE RAPID RESPIRATION, DYS

PNEA, REDUCED MENTAL

ALERTNESS AND MUSCLE COORDINATION. CONCENTRATIONS OF 75% MAY PRODUCE NAUSEA, VOMITING, PROSTRATION, COMA & DEATH.

Explanation Of Carcinogenicity: NONE.

Signs And Symptoms Of Overexposure: SKIN-DUE TO RAPID EVAPORATION, THE LIQUID MAY CAUSE FROSTBITE WITH REDNESS, TINGLING, PAIN OR NUMBNESS. EYE-DUE TO RAPID EVAPORATION, THE LIQUEFIED GAS MAY CAUSE FROSTBITE, BLURRED VISION, REDNESS, PAIN. INGESTION-IF LIQUID IS SWALLOWED, FROSTBITE DAMAGE TO LIPS, MOUTH AND

MUCOUS MEMBRANES MAY OCCUR.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALATION-IMMEDIATELY REMOVE FROM EXPOSURE AREA TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM CPR. MAINTAIN AIRWAY & BLOOD PRESSURE. KEEP WARM. GET MEDICAL AID QUICKLY. SKIN-(FROSTBITE) WARM SKIN WITH WARM WATER, 107F. ALLOW CIRCULATION TO RETURN. GET MEDICAL AID QUICKLY. EYE-WASH WITH LARGE AMOUNTS OF WATER. GET MEDICAL AID. INGESTION-TREAT SYMPTOMATICALLY AND GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE, 40 CFR 262. EPA HAZARDOUS WASTE #D001.

Handling And Storage Precautions: STORE IN ACCORDANCE WITH 29 CFR 1910.101. FOR ASSISTANCE, CONTACT THE DISTRICT DIRECTOR OF THE EPA.

Other Precautions: NONE

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Fire and Explosion Hazard Information
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Flash Point Text: -157F,-105C

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE OR HALON. FOR LARGER FIRES, USE WATER SPRAY, FOG OR STANDARD FOAM.

Fire Fighting Procedures: COOL FIRE-EXPOSED CYLINDERS WITH WATER FROM THE SIDE UNTIL WELL AFTER THE FIRE IS OUT. USE AGENT SUITABLE FOR TYPE OF FIRE. COOL CYLINDER WITH WATER FROM AWAY.

Unusual Fire/Explosion Hazard: GAS--DANGEROUS FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. CYLINDERS--MAY EXPLODE IN HEAT OF FIRE.

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Control Measures
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Respiratory Protection: ANY SELF-CONTAINED BREATHING APPARATUS.

Ventilation: PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION. VENTILATION EQUIPMENT MUST BE EXPLOSION-PROOF.

Protective Gloves: PROTECTIVE GLOVES ARE NOT REQUIRED.

Eye Protection: NONE REQUIRED, BUT RECOMMENDED.

Other Protective Equipment: PROTECTIVE CLOTHING ARE NOT REQUIRED.

Work Hygienic Practices: AN EYE WASH STATION WITHIN THE IMMEDIATE AREA SHOULD BE PROVIDED.

Supplemental Safety and Health: CONTENTS UNDER PRESSURE.

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Physical/Chemical Properties
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HCC: G2

B.P. Text: -44F,-42C

M.P/F.P Text: -310F,-190C

Vapor Pres: 6536 MMHG

Vapor Density

Relative Density: 1.55

Spec Gravity: 0.5853

Solubility in Water: VERY SLIGHTLY

Appearance and Odor: COLORLESS GAS WITH A CHARACTERISTIC NATURAL GAS ODOR.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: DO NOT PERMIT PHYSICAL DAMAGE OF CYLINDERS. AVOID CONTACT WITH HEAT, SPARKS, FLAMES OR OTHER IGNITION SOURCES.

Materials To Avoid: BARIUM PEROXIDE, CHLORINE DIOXIDE, PLAS

TICS, RUBBER,
COATINGS, STRONG OXIDIZERS.

Hazardous Decomposition Products: THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE
TOXIC OXIDES OF CARBON.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: HAS NOT BEEN REPORTED TO OCCUR UNDER NORMAL
TEMPERATURES AND PRESSURES.

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Toxicological Information
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Ecologica
I 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: 2W134
Trans ID NO: 125238
Product ID: PROPANE
MSDS Prepared Date: 12/09/1994
Review Date: 08/28/1995
MFN: 2
Net Unit Weight: UNKNOWN
AF MMAC Code: NR
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
Container QTY: 1
Type Of Container: BOX

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Detail DOT Information
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DOT PSN Code: LLG
DOT Proper Shipping Name: PETROLEUM GASES, LIQUEFIED OR LIQUEFIED PETROLEUM GAS
Hazard Class: 2.1
UN ID Num: UN1075
Label: FLAMMABLE GAS
Packaging Exception: 306
Non Bulk Pack: 304
Bulk Pack: 314,315
Max Qty Pass: FORBIDDEN
Max Qty Cargo: 150 KG
Vessel Stow Req: E
Water/Ship/Other Req: 40
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Detail IMO Information
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IMO PSN IR
IMO Proper Shipping Name: PROPANE
IMDG Page Number: 2147
UN Number: 1978
UN Hazard Class: 2(2.1)
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-07
MED First Aid Guide NUM: 310
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Detail IATA Information
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IATA PSN Code: UZT
IATA UN ID Num: 1978
IATA Proper Shipping Name: PROPANE
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: FORB
Max Quant Pass: FORB
Max Quant Cargo: 150KG
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Packaging Note Cargo: 200
Exceptions: A1
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Detail AFI Information
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AFI PSN Code: UZT
AFI Proper Shipping Name: PROPANE OR PROPANE MIXTURES; SEE ALSO PETROLEUM GASES, LIQUEFIED
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1978
Special Provisions: P4
Back Pack Reference: A6.3, A6.7
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HAZCOM Label
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Product ID: PROPANE

Cage: 2W134

Company Name: LELAND LTD INC

Street: 2614 S CLINTON AVE

City: SOUTH PLAINFIELD NJ

Zipcode: 07080

Health Emergency Phone: 201-234-1750

Label Required IND: Y

Date Of Label Review: 08/28/1995

Status Code: C

Label Date: 08/28/1995

Origination Code: F

Chronic Hazard IND: Y

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Severe

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: STORE IN ACCORDANCE

WITH 29 CFR 1910.101. FOR

ASSISTANCE , CONTACT THE DISTRICT DIRECTOR OF THE EPA. IN CASE OF SPILL: NONE SPECIFIED BY MANUFACTURER. FIRST AID: INHALATION-IMMEDIATELY REMOVE FROM EXPOSURE ARE TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM CPR. MAINTAIN AIRWAY & BLOOD PRESSURE. KEEP WARM. GET MEDICAL AID QUICKLY.

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