

LELAND LTD INC -- CARBON DIOXIDE

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MSDS Safety Information  
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FSC: 4220  
NIIN: 01-252-3863  
MSDS Date: 02/28/1991  
MSDS Num: BXWFT  
Product ID: CARBON DIOXIDE  
MFN: 01  
Responsible Party  
Cage: 2W134  
Name: LELAND LTD INC  
Address: 105 SNYDER RD BLDG C  
City: S. PLAINFIELD NJ 07080  
Info Ph  
one Number: 908-668-1310  
Emergency Phone Number: 800-535-5053  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 61125  
Name: J.G.B. ENTERPRISES  
Address: 115 METROPOLITAN DR  
Box: 209  
City: LIVERPOOL NY 13088  
Phone: 315-451-2770  
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: S9I  
Item Name: REPLACEMENT KIT,RING BUOY  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: EA  
UI Container Qty: Z  
Type of Container: UNKNOWN

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Ingredients  
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Cas: 124-38-9  
RTECS #: FF6400000  
Name: CARBON DIOXIDE  
% Wt: 100  
Other REC Limits: NONE RECOMMEN

DED  
OSHA PEL: 5000 PPM  
ACGIH TLV: 5000PPM/30000STEL;95

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Health Hazards Data  
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LD50 LC50 Mixture: PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHALATION:HIGH CONCENTRATIONS INDUCE ASPHXIA. SKIN:AS GAS  
ESCAPES, CYLINDER FREEZES.

Explanation Of Carcinogenicity:

MFR GAVE THE ABOVE LISTINGS ON THE MSDS BUT NO

OTHER COMMENTS WERE RECORDED ON THE MSDS.

Signs And Symptions Of Overexposure: DROWSINESS, SKIN BURNS OR REDNESS.

Medical Cond Aggravated By Exposure: NONE

First Aid: VENTILATE WITH AIR OR OXYGEN.

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Handling and Disposal  
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Spill Release Procedures: VENTILATE AREA - STAY CLEAR OF CYLINDERS IF  
ACCIDENTAL RELEASE OCCURS.

Neutralizing Agent: M

FR GAVE NO INFORMATION ON MSDS.

Waste Disposal Methods: RELEASE OUT OF DOORS. NO RESIDUE WILL REMAIN.

Handling And Storage Precautions: STORE COOL - BELOW 140F.

Other Precautions: CYLINDER TEMPERATURE WILL DRCREASE AS A RELEASE OCCURS,  
CAUSING FREEZE BURNS IF CYLINDER IS TOUCHED (DRY ICE).

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Fire and Explosion Hazard Information  
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Flash Point Text: D.N.A.

Lower Limits: D.N.A.

Upper Limi

ts: D.N.A.

Extinguishing Media: D.N.A.

Fire Fighting Procedures: STAY CLEAR OF HEATED CYLINDERS - COOL CYLINDERS WITH  
WATER SPRAY.

Unusual Fire/Explosion Hazard: NON-FLAMMABLE GAS, UN1013. CYLINDERS MAY RUPTURE  
IF OVERHEATED, 240F APPROX.

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Control Measures  
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Respiratory Protection: NOT RECOMMENDED.

Ventilation: LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves: RECOMMENDED.

Eye Protect

ion: RECOMMENDED.  
Other Protective Equipment: RECOMMENDED.  
Work Hygienic Practices: RECOMMENDED.  
Supplemental Safety and Health: NONE

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Physical/Chemical Properties  
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HCC: G3  
NRC/State LIC No: NONE  
B.P. Text: 129F,54C  
M.P/F.P Text: D.N.A.  
Decomp Text: UNKNOWN  
Vapor Pres: 745 PSIG  
Vapor Density: 1997  
Spec Gravity: 1.98  
Viscosity: UNKNOWN  
Evaporation Rate & Reference: D.N.A.  
Solubility  
in Water: 180 G/CC  
Appearance and Odor: COLORLESS GAS/SLIGHTLY PUNGENT ODOR.  
Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: NONE  
Materials To Avoid: NONE  
Hazardous Decomposition Products: NONE  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR. NONE

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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: 2W134  
Trans ID NO: 118456  
Product ID: CARBON DIOXIDE  
MSDS Prepared Date: 02/28/1991  
Review Date: 10/24/1995  
MFN: 1  
Net Unit Weight: UNKNOWN  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: EA  
Container  
QTY: Z  
Type Of Container: UNKNOWN  
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Detail DOT Information  
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DOT PSN Code: CUX  
DOT Proper Shipping Name: CARBON DIOXIDE  
Hazard Class: 2.2  
UN ID Num: UN1013  
Label: NONFLAMMABLE GAS  
Packaging Exception: 306  
Non Bulk Pack: 302,304  
Bulk Pack: 302,314,315  
Max Qty Pass: 75 KG  
Max Qty Cargo: 150 KG  
Vessel Stow Req: A  
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Detail IMO Information  
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IMO PSN Code: DOH  
IMO Proper Shipping Name: CARBON DIOXIDE  
IMDG Page Number: 2111  
UN Number: 1013  
UN Hazard Class: 2(2.2)  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-09  
MED First Aid Guide NUM: 615  
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Detail IATA Information  
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IATA PSN Code: FHH  
IATA UN ID Num: 1013  
IATA Proper Shipping Name: CARBON DIOXIDE +  
IATA  
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UN Class: 2.2  
IATA Label: NON-FLAMMABLE GAS  
Packing Note Passenger: 200  
Max Quant Pass: 75KG  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 200

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Detail AFI Information  
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AFI PSN Code: FHH  
AFI Proper Shipping Name: CARBON DIOXIDE  
AFI Hazard Class: 2.2  
AFI UN ID NUM: UN1013  
Special Provisions: P5  
Back Pack Reference: A6.3,A6.5,A6.6

=====  
HAZC  
OM Label  
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Product ID: CARBON DIOXIDE  
Cage: 2W134  
Company Name: LELAND LTD INC  
Street: 2614 S CLINTON AVE  
City: SOUTH PLAINFIELD NJ  
Zipcode: 07080  
Health Emergency Phone: 800-535-5053  
Label Required IND: Y  
Date Of Label Review: 10/24/1995  
Status Code: C  
MFG Label NO: NONE  
Label Date: 10/24/1995  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: CAUTION  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: N  
one  
Reactivity Hazard: None  
Hazard And Precautions: **\*\*TARGET-ORGANS:RESPIRATORY SYSTEM\*\*** INHALATION:HIGH  
CONCENTRATIONS INDUCE ASPHXIA. SKIN:AS GAS ESCAPES, CYLINDER FREEZES. STORE  
COOL - BELOW 140F. IN CASE OF SPILL: VENTILATE AREA - STAY CLEAR OF CY  
LINDERS IF ACCIDENTAL RELEASE OCCURS.

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