

LELAND LTD INC -- CARBON DIOXIDE

=====
MSDS Safety Information
=====

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

=====
Contractor Summary
=====

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

=====
Item Description Information
=====

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

=====
Ingredients
=====

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

=====
Health Hazards Data
=====

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.

=====
Handling and Disposal
=====

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).

=====
Fire and Explosion Hazard Information
=====

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.

=====
Control Measures
=====

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

=====
Physical/Chemical Properties
=====

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

=====
Reactivity Data
=====

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

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

=====
Regulatory Information
=====

=====
Other Information
=====

=====
Transportation Information
=====

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
=====

=====
Detail DOT Information
=====

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
=====

=====
Detail IMO Information
=====

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
=====

=====
Detail IATA Information
=====

IATA PSN Code: FHH
IATA UN ID Num: 1013
IATA Proper Shipping Name: CARBON DIOXIDE +
IATA
=====

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

=====
Detail AFI Information
=====

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
=====

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.

=====
Disclaimer (provided with this information by the compiling agencies): This
information is formulated for use by elements of the Department of De

fense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America sh

ould seek competent professional advice to verify

and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.