

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 Pho

ne 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 RECOMMEND

ED
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: M
FR 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: MF
R 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 Limit
s: 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 Protecti

on: 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 i
n 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

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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 U

N 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

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HAZCO
M 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: No
ne
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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information is formulated for use by elements of the Department of Def

ense.

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