

LIQUID CARBONIC CORP -- DRY ICE, CARBONICE

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MSDS Safety Information  
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FSC: 6830  
NIIN: 00-247-0619  
MSDS Date: 06/01/1991  
MSDS Num: CDGYY  
Product ID: DRY ICE, CARBONICE  
MFN: 02  
Responsible Party  
Cage: 36517  
Name: LIQUID CARBONIC CORP  
Address: 135 S LA SALLE STREET  
City: CHICAGO IL 60603-42  
85  
Info Phone Number: 312-855-2500  
Emergency Phone Number: 504-673-8831 (CHEMTREC)  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 36517  
Name: LIQUID CARBONIC CORP  
Address: 135 S LA SALLE STREET  
City: CHICAGO IL 60603-4101  
Phone: 312-855-2500

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Item Description Information  
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Item Name: CARBON DIOXIDE, TECHNICAL  
Specification Number: BB-C-104  
Unit of Issue: LB  
UI Container Qty: 0

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Ingredients  
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Cas: 124-38-9  
RTECS #: FF6400000  
Name: CARBON DIOXIDE  
% Wt: >99  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 10000 PPM/30000 STEL  
ACGIH TLV: 5000 PPM/30000 STEL

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Health Hazards Data  
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHAL. (LOW (3-5%) CONCENTRATIONS IN INHALED AIR CAUSE INCREASED RESP & HEADACHE. HIGHER CONCENTRATIONS CAUSE NAUSEA, VOMITING SHORT UNCONSCIOUSNESS LEADING TO COMA AND DEATH. SKIN:CONTINUOUS DERMAL CONTACT W/SOLID CO2 COULD CAUSE FROSTBITE OR CRYOGENIC BURNS. \*

Explanation Of Carcinogenicity: NO

Signs And Symptions Of Overex

posure: NK \*PERSONS IN ILL HEALTH SHOULD NOT BE ALLOWED TO WORK W/OR HANDLE THIS PRODUCT.

First Aid: INHAL: GET FRESH AIR. IF UNCONSCIOUS OR BREATHING DIFFICULT ADMINISTER ARTIF RESP W/SUPPLEMENTAL OXYGEN. KEEP WARM & AT REST. SKIN:FLUSH AFFECTED AREAS W/105-115F WATER GET MED AID FOR THERMAL INJURY.

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Handling and Disposal

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Spill Release Procedures: BE CERTAIN THERE IS ADEQUATE VENT. PLACE OUTSIDE IN PROTECTED AREA W/GOOD VENT & ALLOW TO SUBLIME. AVOID PROLONGED CONTACT W/SKIN.

Handling And Storage Precautions: PROD SHOULD BE STORED IN INSULATED CNTNRS WHICH OPEN FROM TOP HAVING LOOSE FITTING LIDS SO CO2 VAPORS FROM SUBLIMATION OF THE SOLID MAY ESCAPE

Other Precautions: THE INSULATED CONTAINERS SHOULD BE ADEQUATELY VENTED TO PREVENT ACCUMULATION OF CO2 VAPORS ABOVE TWA. CO2 VAPORS ARE APP1.5 X HEAVIER THAN AIR.

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Fire and Explosion Hazard Information

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Flash Point Text: NA

Lower Limits: NA

Upper Limits: NA

Extinguishing Media: NONFLAMMABLE SOLID.

Fire Fighting Procedures: NONFLAMMABLE SOLID.

Unusual Fire/Explosion Hazard: NONFLAMMABLE SOLID.

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Control Measures

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Respiratory Protection: SCBA SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation: LOCAL EXHAUST MECH/GENERAL TO PREVENT ACCUMULATION ABOVE TWA.  
Protective Gloves: INSULATED.  
Eye Protection: NA  
Other Protective Equipment: NA  
Work Hygienic Practices: NA

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Physical/Chemical Properties  
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B.P. Text: -109F,-78C  
Vapor Pres: NA  
Vapor Density: 1.6  
Evaporation Rate & Reference: NA  
Solubility in Water: VAPOR IS SOLUBLE.  
Appearance and Odor: WHITE OPAQUE SOLID EM  
ITTING COLORLES ODORLESS GAS.  
Percent Volatiles by Volume: 100.0

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: DO NOT STORE IN AIR TIGHT CONTAINERS.  
Materials To Avoid: NONE  
Hazardous Decomposition Products: CARBON DIOXIDE VAPOR.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NA

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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: 36517  
Trans ID NO: 60649  
Product ID: DRY ICE, CARBONICE  
MSDS Prepared Date: 06/01/1991  
Review Date: 03/03/1997  
MFN: 2  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: LB  
Container QTY: 0  
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Detail DOT Information  
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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information  
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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA  
Information  
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IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information  
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AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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HAZCOM Label  
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Product ID: DRY ICE, CARBONICE

Cage: 36517

Company Name: LIQUID CARBONIC CORP

Street: 135 S LA SALLE STREET

City: CHICAGO IL

Zipcode: 60603-4101

Health Emergency Phone: 504-673-8831 (CHEMTREC)

Label Required IND: Y

Date Of Label Review: 10/12/1999

Status Code: A

Origination Code: G

Hazard And Precautions: INHAL. (LOW (3-5%) CONCENTRATIONS IN INHALED AIR CAUSE INCREASED RESP & HEADACHE. HIGHER CONCENTRATIONS CAUSE NAUSEA, VOMITING SHORT UNCONSCIOUSNESS LEADING TO COMA AND DEAT

H. SKIN:CONTINUOUS DERMAL

CONTACT W/SOLID CO2 COULD CAUSE FROSTBITE OR CRYOGENIC BURNS. \*

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