

CONAX FLORIDA CORP. -- LPU-9/P LIFE PRESERVER AND INFLATOR 0258501 -- 4220-01-262-6604
===== Product Identification =====

Product ID:LPU-9/P LIFE PRESERVER AND INFLATOR 0258501

MSDS Date:01/01/1987

FSC:4220

NIIN:01-262-6604

MSDS Number: BJXVC

=== Responsible Party ===

Company Name:CONAX FLORIDA CORP.

Address:2801 75TH STREET NORTH

City:ST PETERSBURG

State:FL

ZIP:33710

Country:US

Info Phone Num:81

3-345-8000

Emergency Phone Num:813-345-8000

CAGE:62323

=== Contractor Identification ===

Company Name:CONAX FLORIDA CORP

Address:2801 75TH STREET N

Box:City:SAINT PETERSBURG

State:FL

ZIP:33710-2936

Country:US

Phone:813-345-8000

CAGE:62323

===== Composition/Information on Ingredients =====

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:CARTRIDGE IS ACTU

ATED BY 190 MG OF HI TEMP EXPLOSIVE POWDER

AS STATED BY MANUFACTURER.

RTECS #:999999ZZ

Other REC Limits:NONE SPECIFIED

=====
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CARBON DIOXIDE IS AN ASPHYXIANT. HIGH CONCENTRATIONS CAN PRODUCE PARALYSIS OF THE RESPIRATORY CONTROL CENTER OF THE NERVOUS SYSTEM. 2-3% WILL INCREASE RESPIRATION. >4%

PRODUCES LABORED BREATHING AND I S DANGEROUS FOR EVEN A FEW MINUTES. >12% CAUSES RAPID UNCONSCIOUSNESS AND DEATH.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:FAINT "ACIDIC" TASTE, HEADACHE, DIZZINESS, SHORTNESS OF BREATH, MUSCULAR WEAKNESS, DROWSINESS, AND RINGING OF THE EARS.

Medical Cond Aggravated by Exposure:PERSONNEL WITH PRE-EXISTING CHRONIC RESPIRATORY DIS

EASES OR HEART DISORDER SHOULD REFRAIN FROM

BREATHING EXCESSIVE CARBON DIOXIDE. RECOVERY IS USUALLY RAPID FROM SHORT TERM OVEREXPOSURE.

=====
===== First Aid Measures =====

First Aid:FIRST AID: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. RESCUE PERSONNEL SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS WIHT FULL FACE MASK.

=====
===== Fire Fighting Measures =====

Extinguishing Media:NON-FLAMMABLE. USE E XTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HEAT OF FIRE MAY RUPTURE CONTAINERS.

=====
===== Accidental Release Measures =====

Spill Release Procedures:REMOVE PERSONNEL. VENTILATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS. MOVE LEAKING CO

CONTAINER OUTDOORS

IF WITHOUT RISK. SLOWLY RELEASE INTO ATMOSPHERE. RETURN DEFECTIVE CYLINDER TO SUPPLIER. TEST AREA FOR OXYGEN BEFORE ALLOWING RE-ENTRY.

=====
Handling and Storage
=====

Handling and Storage Precautions:UNITS ARE COMPLETELY SELF-CONTAINED AND PRESENT NO DANGER UNLESS IMPROPERLY DISASSEMBLED. STORE IN COOL DRY AREAS. AVOID ELEVATED TEMPERATURES.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

=====
Exposure Controls/Personal Protection
=====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
Ventilation:NO SPECIAL REQUIREMENT.
Protective Gloves:AS REQUIRED.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:NONE.
Work Hygienic Practices:STANDARD HYGIENIC PRACTICE.

Supplemental Safety and Health
MANUFACTURER STATES CARBON DIOXIDE CARTRIDGE IS ACTUATED BY SMALL AMOUNT OF EXPLOSIVE POWDER (HI TEMP) AND THAT DOT HAS CLASSIFIED THE WHOLE CARTRIDGE AND ITS CONTENT AS CARBON DIOXIDE,
NON-FLAMMABLE. UNIT CONSISTS OF LIFE PRSERVER AND 2 CARTRIDGES, EACH CARTRIDGE CONTAINS 190 MG OF HI TEMP POWDER AND 7.2 CU INCH CO2.

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

HCC:G3
Vapor Density:1.5
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS GAS. SLIGHT PUNGENT ODOR.

=====
Stability and Reactivity Data
=====

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avo

id:HIGH HEAT, OPEN FLAMES.

Hazardous Decomposition Products:IN THE PRESENCE OF AN ELECTRICAL DISCHARGE, CARBON DIOXIDE IS DECOMPOSED TO FORM CARBON MONOXIDE AND OXYGEN.

===== Disposal Considerations =====

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.