

LIQUID CARBONIC INDUSTRIES CORP -- ARGON -- 9135-00-759-7634

=====
Product Identification
=====

Product ID:ARGON
MSDS Date:05/01/1991
FSC:9135
NIIN:00-759-7634
MSDS Number: CCGGJ
=== Responsible Party ===
Company Name:LIQUID CARBONIC INDUSTRIES CORP
Address:810 JORIE BLVD
City:OAK BROOK
State:IL
ZIP:60521-2216
Country:US
Info Phone Num:708-572-7500/504-673-8831
Emergency Phone Num:708-572-7500/50
4-673-8831
CAGE:00QG4
=== Contractor Identification ===
Company Name:LIQUID CARBONIC INDUSTRIES CORP
Address:810 JORIE BLVD
Box:City:HINSDALE
State:IL
ZIP:60521-2216
Country:US
Phone:708-572-7000
CAGE:00QG4

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

Ingred Name:ARGON
CAS:7440-37-1
RTECS #:CF2300000
Fraction by Wt: >99.9%
ACGIH TLV:SIMPLE ASPHYXIAN

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

Routes of Entry: Inhalation:YES Skin:NO Ingestio

n:NO

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

Health Hazards Acute and Chronic:INHALATION: OVEREXPOSURE TO HIGH CONCENTRATIONS SO AS TO EXCLUDE AN ADEQUATE SUPPLY OF OXYGEN TO THE LUNGS CAUSES DIZZINESS, DROWSINESS, UNCONSCIOUSNESS. PERSONS IN ILL HEALTH WHERE SUCH ILLNESS WOULD BE AGGRAVATED BY EXPOSURE TO ARGON SHOULDN'T BE ALLOWED TO WORK W/HANDLE THIS PRODUCT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: DIZZINESS, DROWSINESS, UNCONSCIOUSNESS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF UNCONSCIOUS/BREATHING DIFFICULTY, ADMINISTER CPR/OXYGEN. KEEP WARM & AT REST. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:NON-FLAMMABLE INERT GAS

Unusual Fire/Explosion Hazard:IF CYLINDERS ARE INVOLVED IN FIRE, SAFELY RELOCATE/KEEP COOL W/WATER SPRAY.

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

Spill Release Procedures:EVACUATE AREA. STOP LEAK IF POSSIBLE. IF LEAKING CONTAINERS ARE IN AN ENCLOSED AREA, VENTILATE TO ACCEPTABLE, RESPIRABLE OXYGEN LEVEL BEFORE ENTERING.

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

Handling and Storage Precautions:PROTECT CYLINDERS AGAINST PHYSICAL DAMAGE. STORE IN COOL, DRY WELL VENTILATED AREA AWAY FROM HEAT & DIRECT SUNLIGHT. AVOID TEMP >125F.

Other Precautions:USE

A CHECK VALVE/TRAP IN CYLINDER DISCHARGE LINE TO PREVENT HAZARDOUS BACKFLOW. CYLINDERS SHOULD BE STORED UPRIGHT & FIRMLY SECURED TO PREVENT FALLING/BEING KNOCKED OVER. USE ONLY DOT/ASME CODED CONTAINERS.

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

Respiratory Protection:IN EVENT OF MAJOR LEAK, WEAR SCBA MAY BE REQUIRED.

Ventilation:LOCAL/MECHANICAL (GENERAL) VENTILATION.

Eye Protection:SAFETY GOGGLES/GLASSES

Other Protective Equipment:SAFETY SHOES.

Sup

plemental Safety and Health

HANDLING & STORAGE CONT'D: USE A PRESSURE REDUCING REGULATOR WHEN CONNECTING CYLINDER TO LOWER PRESSURE PIPING/SYSTEMS. CLOSE VALVE AFTER EACH USE & WHEN EMPTY.

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

HCC:G3

Boiling Pt:B.P. Text:-303F

Vapor Density:1.38

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS, ODORLESS GAS

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

Stability Indicator/Materials to Avoid

:YES

NONE

Stability Condition to Avoid:TEMP >125F.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:LOCATE LEAKING CONTAINERS IN A REMOTE DOWNWIND AREA OUTSIDE & ALLOW TO VENT TO ATMOSPHERE. DISPOSE OF IAW/FEDERAL, STATE & 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.