



ADDITIONAL DATA

Material Safety Data Sheet

<p>LIQUID AIR CORPORATION INDUSTRIAL GASES DIVISION One California Plaza, Suite 350 2121 N. California Blvd. Walnut Creek, California 94598</p> <p>ISSUE DATE OCTOBER 1, 1985 AND REVISIONS CORPORATE SAFETY DEPT.</p>	<p>PRODUCT NAME 25% Carbon Dioxide/75% Argon</p> <p>TELEPHONE (415) 977-6500 EMERGENCY RESPONSE INFORMATION ON PAGE 2</p> <p>TRADE NAME AND SYNONYMS 25% Carbon Dioxide/75% Argon</p> <p>CHEMICAL NAME AND SYNONYMS 25% Carbon Dioxide/75% Argon</p> <p>FORMULA 25% CO₂/75% Ar</p> <p>CAS NUMBER N/A</p> <p>CHEMICAL FAMILY Gas Mixture</p>
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HEALTH HAZARD DATA

TIME WEIGHTED AVERAGE EXPOSURE LIMIT
Carbon dioxide has a TWA of 5,000 molar PPM. Its STEL is proposed to be changed from 15,000 molar PPM to 30,000 molar PPM (ACGIH, 1984-85).

SYMPTOMS OF EXPOSURE
Concentrations of 20-30 percent of these mixtures when inhaled with adequate oxygen in the air will cause an increase in the respiratory rate. Higher concentrations will cause headache, nausea and eventual unconsciousness.

TOXICOLOGICAL PROPERTIES
Carbon dioxide is the most powerful vasodilator known. Inhaling large concentrations causes rapid circulatory insufficiency leading to coma and death. Chronic harmful effects are not known from repeated inhalation of low (20-30%) concentrations of these mixtures.

Listed as Carcinogen National Toxicology Program Yes No I.A.R.C. Yes No OSHA Yes No

RECOMMENDED FIRST AID TREATMENT
PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO THIS GAS MIXTURE. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS.

Inhalation: Conscious persons should be assisted to an uncontaminated area and inhale fresh air. Quick removal from the contaminated area is most important. Unconscious persons should be moved to an uncontaminated area, given mouth-to-mouth resuscitation and supplemental oxygen. Medical assistance should be sought immediately.

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