

AIR

MSDS Number

CGLDQ

National Stock Number

4240-00-947-5329

Product Name

AIR

Manufacturer

AIR PRODUCTS AND CHEMICALS INC

Product Identification

Product ID: AIR

MSDS Date: 06/01/1990

FSC: 4240

NIIN: 00-947-5329

MSDS Number: CGLDQ

Responsible Party

AIR PRODUCTS AND CHEMICALS, INC

7201 HAMILTON BLVD

ALLENTOWN , PA 18195-1501

US

Emergency Phone: 215-461-4911

Info Phone: 215-461-4911

Cage: 00742

Contractor

SCOTT AVIATION

LANCASTER, NY 14086

US

716-683-5100

Cage: 53655

Ingredients

NITROGEN

CAS: 7727-37-9

RTECS: QW9700000

Fraction By Weight: 79%

ACGIH TLV: ASPHYXIAN; 9596

OXYGEN

CAS: 7782-44-7

RTECS: RS2060000

Fraction By Weight: 21%

ACGIH TLV: ASPHYXIAN; 9596

Hazards

LD50 LC50 Mixture: AIR IS NONTOXIC

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: INHALATION OF AIR AT HIGH PRESSURES CAN RESULT IN SIMILARE SYMPTOMS TO THOSE OF EXPOSURE TO OXYGEN. IT CAN ALSO RESULT IN ACCUMULATION OF NITROGEN IN THE BLOOD WHICH MAY RESULT IN DECOMPR ESSION SICKNESS.
Effects of Overexposure:DECOMPRESSION SICKNESS IF INHALED AT HIGH PRESSURES.

First Aid

First Aid:INHALATION: TAKE TO FACILITY WHICH IS PREPARED TO DEAL WITH ILLNESS RELATED TO A HYPERBARIC ENVIRONMENT.

Fire Fighting

Unusual Fire/Explosion Hazard:COMPRESSED AIR AT HIGH PRESSURE CAN ACCELERATE THE BURNING OF MATERIALS WHICH ARE COMBUSTIBLE AT ATMOSPHERIC PRESSURE.

Accidental Release

Spill Release Procedures:NO HAZARD.

Handling

Handling and Storage Precautions:EXTREMELY HIGH PRESSURE, HANDLE WITH CARE. USE A PRESSURE-REDUCING REGULATOR WHEN CONNECTING TO LOWER PRESSURE. NEVER USE DIRECT PRESSURE TO HEAT GAS.
Other Precautions:DO NOT REFIL EXCEPT BY QUALIFIED PRODUCERS OF A COMPRESSED GAS.

Exposure Controls

Respiratory Protection:NONE
Ventilation:NONE
Protective Gloves:LEATHER WORK GLOVES.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:SAFETY TOE SHOES.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:G3
Melt/Freeze Pt:M.P/F.P Text:-351TO-358F
Vapor Density:0.07520
Spec Gravity:1.000 (AIR=1)
Solubility in Water:1.87% BY VOLUME
Appearance and Odor:GASEOUS AIR IS ODORLESS AND COLORLESS.

Stability

Stability Indicator/Materials to Avoid:YES
NONE
Stability Condition to Avoid:AVOID THE USE OF OIL IN SYSTEMS AT FULL CYLINDER PRESSURE.
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF RESIDUAL AIR IN COMPRESSED GAS CYLINDERS. RETURN TO AIR PRODUCTS WITH THE CYLINDER VALVE TIGHTLY CLOSED, POSITIVE PRESSURE IN THE CYLINDER, AND VALVE CAP IN PLACE.

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