

AIR PRODUCTS AND CHEMICALS INC. -- COMPRESSED AIR,BREATHING QUALITY --
4240-01-205-6377

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Product Identification
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Product ID:COMPRESSED AIR,BREATHING QUALITY
MSDS Date:02/23/1981
FSC:4240
NIIN:01-205-6377
MSDS Number: BHGBQ
=== Responsible Party ===
Company Name:AIR PRODUCTS AND CHEMICALS INC.
Box:538
City:ALLENTOWN
State:PA
ZIP:18105
Country:US
Info Phone Num:215-481-4911
Emergency Phon
e Num:215-481-4911
CAGE:00742

=== Contractor Identification ===
Company Name:AIR PRODUCTS AND CHEMICALS INC
Address:7201 HAMILTON BLVD
Box:City:ALLENTOWN
State:PA
ZIP:18195-1501
Country:US
Phone:800-345-3148/ 800-752-1597
CAGE:00742
Company Name:SCOTT AVIATION
Address:225 ERIE ST
Box:City:LANCASTER
State:NY
ZIP:14086
Country:US
Phone:716-683-5100
CAGE:53655

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Composition/Information on Ingredients
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Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt:

78%
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:OXYGEN
CAS:7782-44-7
RTECS #:RS2060000
Fraction by Wt: 21%

Ingred Name:ARGON
CAS:7440-37-1
RTECS #:CF2300000
Fraction by Wt: 1%
ACGIH TLV:ASPHYXIAN; 9192

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT APPLICABLE.
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: NONE AT ATMOSPHERIC PRESSURES.
CHRONIC: NONE.
Explanation of Carcinogenicity:NO
NE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:NONE
Medical Cond Aggravated by Exposure:NONE

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

First Aid:NOT APPLICABLE.

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

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.
Unusual Fire/Explosion Hazard:COMPRESSED AIR AT HIGH PRESSURE CAN
ACCELERATE THE BURNING OF MATERIALS WHICH AIR C
OMBUSTIBLE AT
ATMOSPHERIC PRESSURE.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM RELEASE AREA.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL
DAMAGE. STORE AWAY FROM EXTREME HEAT. KEEP CYLINDER VALVES CLOSED
WHEN NOT IN USE AND WHEN EMPTY.
Other Precautions:DO NOT DEFACE CYLINDERS OR LA

BELS. HANDLE CYLINDERS
WITH PROPER CAUTION.

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

Protective Gloves:LEATHER WORK GLOVES FOR HANDLING CYLINDR
Eye Protection:APPROVED SAFETY GLASSES OR FACE SHIELD.
Other Protective Equipment:SAFETY SHOES AND HEARING PROTECTION.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. USE PROPER CARE WHEN HANDLING AND STORING
CYLINDERS.
Supplemental Safety and Health
NONE.

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

HCC:G3
Melt/Freeze Pt:M.P/F.P Text:-355F,-215C
Vapor Density:1
Solubility in Water:1.87%
Appearance and Odor:GASEOUS AIR IS ODORLESS AND COLORLESS

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

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

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

Waste Disposal Methods:
MOVE LEAKY CYLINDER TO OUTDOORS OR VENTILATED
HOOD. ALLOW GAS TO DISCHARGE AT MODERATE RATE. REMOVE ALL FLAMMABLE
MATERIALS FROM VICINITY. DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH
ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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