

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 Phone

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: 7

8%
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
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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:NON
E 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
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First Aid:NOT APPLICABLE.

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

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

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Handling and Storage
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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 LAB

ELS. 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.

===== 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 Me
thods: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 FED ERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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