

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.

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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 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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