

AIR PRODUCTS AND CHEMICALS INC. -- ARGON, COMPRESSED -- 6830-00-985-7281

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Product Identification
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Product ID:ARGON, COMPRESSED

MSDS Date:08/01/1997

FSC:6830

NIIN:00-985-7281

MSDS Number: CGMHH

=== Responsible Party ===

Company Name:AIR PRODUCTS AND CHEMICALS INC.

Address:7201 HAMILTON BLVD

City:ALLENTOWN

State:PA

ZIP:18195-1501

Country:US

Info Phone Num:800-752-1597

Emergency Phone Num:8

00-523-9374 610-481-7711

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:AIR PRODUCTS AND CHEMICALS INC

Address:411 ROTARY STREET

Box:City:HAMPTON

State:VA

ZIP:23661

Country:US

Phone:804-826-5430

CAGE:1A996

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Composition/Information on Ingredients
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Ingred Name:ARGON

CAS:7440-37-1

Fraction by

Wt: >99.9%
Other REC Limits:NONE

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ARGON IS NONTOXIC, BUT MAY PRODUCE
SUFFOCATION BY DILUTING OXYGEN IN AIR BELOW LEVELS NECESSARY TO
SUPPORT LIFE. OXYGEN LEVELS SHOULD NOT FALL BELOW 19.5%. EXTENSIVE
TISSUE DAMAGE OR BURNS CAN RESULT FROM EXPOSURE TO LIQUID ARGON OR
COLD
ARGON VAPORS.
Explanation of Carcinogenicity:NOT APPLICABLE.
Effects of Overexposure:LOSS OF BALANCE, DIZZINESS, NAUSEA, VOMITING,
UNCONSCIOUSNESS AND DEATH. NOTE! ARGON ASPHYXIATION MAY OCCUR
WITHOUT WARNING.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL
RESPIRATION IF NEEDED. GET PROMPT QUALIFIED MEDICAL HELP.

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

Flash Point:NON-FLAMMABLE
Extinguishing Media:NONFLAMMABLE, INERT GAS. USE APPROPRIATE MEDIA FOR
SURROUNDING FIRE.
Fire Fighting Procedures:EVACUATE PERSONNEL.USE WATER SPRAY TO COOL
FIRE EXPOSED CYLINDERS.HMIS SUGGESTS ALWAYS USING A SELF-CONTAINED
BREATHING APPARATUS WHEN FIGHTING A CHEMICAL FIRE.
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE FROM HEAT.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA. USE
APPROPRIATE PROTECTIVE EQUIP.IF LEAK IS IN CONTAINER VALVE, CONTACT
YOUR CLOSEST SUPPLIER OR CALL 800-424-9300(CHEMTREC).
Neutralizing Agent:NONE.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. KEEP CYLINDERS UPRIGHT & SECURED. SEGREGATE FULL/EMPTY CYL.
KEEP CYLINDERS AWAY FROM HEAT SOURCES.
Other Precautions:COMPRESSED GAS CYL

INDERS SHOULD NOT BE REFILLED

EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GASES. USE A CHECK VALVE OR TRAP IN THE DISCHARGE LINE TO PREVENT HAZARDOUS BACK FLOW INTO THE CYLINDER.

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS IN OXYGEN- DEFICIENT ATMOSPHERE. CAUTION! RESPIRATORS WILL NOT FUNCTION, USE MAY RESULT IN ASPHYXIATION.

Ventilation:MECHANICAL

Protective Gloves:LEATHER WORK GLOVES

Eye

Protection:SAFETY GOGGLES OR GLASSES

Other Protective Equipment:SAFETY SHOES

Work Hygienic Practices:USE IN A WELL VENTILATED AREA.

Supplemental Safety and Health

NONE

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

HCC:G3

Boiling Pt:B.P. Text:-302F/-185C

Vapor Density:0.104 @68F

Spec Gravity:1.38

Evaporation Rate & Reference:GAS

Solubility in Water:SLIGHT

Appearance and Odor:BOTH GAS AND LIQUID ARE COLORLESS AND ODORLESS.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED, WITH VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE TO YOUR SUPPLIER. CALL SUPPLIER FOR

EMERGENCY DISPOSAL
ASSISTANCE.

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