

AIRCO INC, AIRCO INDUSTRIAL GASES DIV. -- NITROGEN -- 6830-00-758-6475

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Product Identification
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Product ID:NITROGEN

MSDS Date:08/26/1992

FSC:6830

NIIN:00-758-6475

MSDS Number: BMZWY

=== Responsible Party ===

Company Name:AIRCO INC, AIRCO INDUSTRIAL GASES DIV.

Address:575 MOUNTAIN AVE

City:MURRAY HILL

State:NJ

ZIP:07974-2006

Country:US

Info Phone Num:908-464-8100/FOR MSDS:1800-734-5463

E

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:00741

=== 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

Company Name:AIRCO INC, AIRCO INDUSTRIAL GASES DIV.

Address:575 MOUNTAIN AVE

Box:City:MURRAY HILL

State:NJ
ZIP:07974-2006
Country:US
Phone:800-424-9300(CHEMTREC)
CAGE:00741
Company Name:BOC GASES, A DIVISION OF THE BOC GROUP, INC
Address:575 MOUNTAIN AVENUE
Box:City:MURRAY HILL
State:NJ
ZIP:07974
Country:US
Phone:908-464-8100
CAGE:80382

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Composition/Information on Ingredients
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Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
ACGIH TLV:ASPHYXIAN; 9394

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Hazards Identification
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LD50 LC50 Mixture:SIMPLE ASPHYXIAN
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NITROGEN IS NONTOXIC BUT THE
LIBERATION OF A LARGE AMOUNT IN A CONFINED AREA COULD DISPLACE THE
AMOUNT OF OXYGEN IN AIR NECESSARY TO SUPPORT LIFE. IT SHOULD BE
RECOGNIZED THAT IT IS POSSIBLE THAT NONE OF THE SYMPTOMS MAY OCCUR
IN NITROGEN ASPHYXIA SO THAT THERE MAY BE NO DEFINITE WARNING
SYMPTOMS.

Explanation of Carcinogenicity:THIS PRO
DUCT IS NOT LISTED BY IARC, NTP

OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:INCLUDES: LOSS OF BALANCE OR DIZZINESS;
TIGHTNESS IN THE FRONTAL AREA OF THE FOREHEAD; TINGLING OF THE
TONGUE, FINGERTIPS OR TOES; WEAKENED SPEECH LEADING TO THE
INABILITY TO UTTER SOUNDS; RAPID REDUC TION IN THE ABILITY TO
PERFORM MOVEMENTS; REDUCED CONSCIOUSNESS; LOSS OF TACTILE
SENSATIONS; INCREASED MENTAL ACTIVITY.

Medical Cond Aggravated by Exposure:NONE

SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: IMMEDIATELY REMOVE PERSONS TO FRESH AIR.
UNCONSCIOUS PERSONS SHOULD BE GIVEN ARTIFICIAL RESUSCITATION AND
SUPPLEMENTAL OXYGEN. EYE: MAY CAUSE TISSUE FREEZING. DO NOT FLUSH
WITH WATER. OPEN EYE AND ALLOW LIQUID TO EVAPORATE. GETIMMEDIATE
MEDICAL ATTENTION. SKIN: MAY CAUSE FROSTBITE. REMOVE CONTAMINATED
CLOTHING. FLUSH SKIN AREA WITH LUKEWARM (NO HOT) WATER.
GET MEDICAL
ATTENTION.

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

Autoignition Temp:Autoignition Temp Text:NONE
Extinguishing Media:NONFLAMMABLE, INERT GAS.
Fire Fighting Procedures:ELECTRICAL CLASSIFICATION: NON-HAZARDOUS
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA. USE
APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN CONTAINER OR

CONTAINER VALVE, CONTACT THE CLOSEST AIRCO LOCATION OR CONTACT
CHEMTREC.

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

Handling and Storage Precautions:USE IN WELL VENTILATED AREAS. KEEP
VALVE CAPS IN PLACE WHEN NOT IN USE. DO NOT DRAG, SLIDE OR ROLL
CYLINDERS. USE A SUITABLE HAND TRUCK FOR MOVING.
Other Precautions:DO NOT HEAT CYLINDER BY ANY MEANS TO INCREASE
DISCHARGE RATE. USE CHECK VALVE OR TRAP IN DISCHARGE LINE. PROTECT
CYLINDERS FROM PHYSICAL
DAMAGE. STORE IN DRY, WELL-VENTILATED AREA
BELOW 125F DEGREES. STORE IN A SECURED UPRIGHT POSITION.

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

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH MASK OR SELF
CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY
USE.
Ventilation:LOCAL EXHAUST TO PREVENT ACCUMULATION OF HIGH
CONCENTRATIONS WHICH REDUCE OXYGEN LEVEL IN AIR TO