

AIRCO GASES -- NITROGEN, G-7 -- 6830-01-126-6849

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Product Identification
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Product ID:NITROGEN, G-7

MSDS Date:11/11/1992

FSC:6830

NIIN:01-126-6849

MSDS Number: BYVWT

=== Responsible Party ===

Company Name:AIRCO GASES

Address:575 MOUNTAIN AVE

City:MURRAY HILL

State:NJ

ZIP:07974

Country:US

Info Phone Num:908-464-8100

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

CAGE:HO601

=== Contractor Ide

ntification ===

Company Name:AIRCO GASES

Address:575 MOUNTAIN AVE

Box:City:MURRAY HILL

State:NJ

ZIP:07974

Country:US

Phone:908-464-8100

CAGE:HO601

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

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Composition/Information on Ingredients
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Ingred Name:NITROGEN (WT%:99.995-99.999)

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: >99.99%

OSHA PEL:N/K

ACGIH TLV:ASPHYXIAN

Ingred Name:FIRST AID PROC:SKIN:FOR DERM CONT/FROSTBITE:REMOVE CONTAMD
CLTHG & FLUSH AFFECTED AREAS W/LUKEWARM WATER. DO NOT (ING 3)
RTECS #:9999999ZZ

Ingred Name:ING 2:USE HOT WATER. PHYS SHOULD SEE PATIENT PROMPTLY IF
CRYOGENIC "BURN" HAS RSLTD IN BLISTERING OF DERM SURF (ING 4)
RTECS #:9999999ZZ

Ingred Name:ING 3:OR DEEP TISS FREEZING. INHAL:PROMPT MED ATTN IS
MANDATORY IN ALL CASES OF OVEREXP. RESCUE PERS SHOULD BE (ING 5)
RTECS #:9999999ZZ

Ingred Name
:ING 4:EQUIPPED W/NIOSH/MSHA APPRVD SCBA. CONSCIOUS PERSONS
SHOULD BE ASSISTED TO UNCONTAMD AREA & INHALE FRESH (ING 6)
RTECS #:9999999ZZ

Ingred Name:ING 5:AIR. QUICK REMOVAL FROM CONTAMD AREA IS MOST
IMPORTANT. UNCON PERSONS SHOULD BE MOVED TO UNCONTAMD AREA, (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6:GIVEN ARTF RESUSCITATION & SUPPLEMENTAL OXYGEN.
FURTHER TREATMENT SHOULD BE SYMPTOMATIC & SUPPORTIVE. (ING 8)
RTECS #:9999999ZZ

Ingred Name:ING 7:INGESTION:CALL MD IMMEDIATELY .
RT
ECS #:9999999ZZ

Ingred Name:WASTE DISP METH:CLOSEST MFG LOCATION OR CALL CHEMTREC
NUMBER LISTED HEREIN.
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:CYL. USE CHECK VALVE/TRAP IN DISCHARGE LINE TO
PVNT HAZ BACK FLOW INTO CYL. PROTECT CYLS FROM (ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10:PHYSICAL DMG. STORE IN COOL, DRY, WELL-VENT AREA OF
NON-COMBUST CONSTRUCTION AWAY FROM HEAVILY TRAFFICKED(ING 12)
RTECS #:9999999ZZ

Ingred Name:ING 11:AREAS & EMER EXISTS. DO NOT ALLOW TEMP WHERE CYL

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ARE STORED TO EXCEED 125F. CYLS SHOULD BE STORED (ING 13)
RTECS #:9999999ZZ

Inged Name:ING 12:UPRIGHT & FIRMLY SECURED TO PVNT FALLING/BEING
KNOCKED OVER. USE "FIRST IN-FIRST OUT" INVENTORY SYS TO (ING 14)
RTECS #:9999999ZZ

Inged Name:ING 13:PVNT FULL CYLS BEING STORED FOR EXCESS PERIODS OF
TIME. FOR ADDNTL REC, CONSULT COMPRESSED GAS ASSOC (ING 15)
RTECS #:9999999ZZ

Inged Name:ING 14:PAMPHLET F-1. NEVER CARRY COMPRESSED GAS CYL/CNTNR
OF GAS IN CRYOGENIC LIQ FORM IN ENCLO
SED SPACE SUCH AS(ING 16)
RTECS #:9999999ZZ

Inged Name:ING 15:CAR TRUCK, VAN/STATION WAGON. LEAK CAN RSLT IN FIRE,
EXPLO, ASPHY/TOX EXPOS. NITROGEN IS NON-CORR & MAY (ING 17)
RTECS #:9999999ZZ

Inged Name:ING 16:BE USED W/ANY COMMON STRUCTURAL MATL. COMPRESSED GAS
CYLS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED (ING 18)
RTECS #:9999999ZZ

Inged Name:ING 17:PRODUCERS OF COMPRESSED GASES. SHIPMENTS OF
COMPRESSED GAS CYL, WHICH HAS NOT BEEN FILLED BY OWNER OR (ING 19)
RTECS #:999999
9ZZ

Inged Name:ING 18:WITH HIS (WRITTEN) CONSENT, IS A VIOLATION OF
FEDERAL LAW (49 CFR).
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:EYE:CONTACT W/LIQ MAY CAUSE TISS
FREEZING. SKIN:CONTACT W/LIQ PRODUCT MAY CAUSE FROSTBITE. ACUTE
INHALATION

EFFECTS: NITROGEN IS A SIMPLE ASPHYXIANT. MAINTAIN OXYGEN LEVELS ABOVE 19.5% AT SEA LEVEL. EFFECTS OF OVEREXPOSURE TO HIGH CONCENTRATIONS SO AS TO DISPLACE OXYGEN IN AIR NECESSARY FOR LIFE MAY INCLUDE ANY, ALL OR NONE OF (EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity: NOT RELEVANT.

Effects of Overexposure: HEALTH HAZARD: THE FOLLOWING: LOSS OF BALANCE/DIZZINESS, TIGHTNESS IN FRONTAL AREA OF FOREHEAD, TINGLING OF TONGUE, FINGERTIPS/TOES, WEAKENED SPEECH LEADING TO INABILITY TO UTTER SOUNDS, RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS, REDUCED CONSCIOUSNESS OF SURROUNDINGS, LOSS OF TACTILE SENSATION, HEIGHTENED MENTAL (SUSCEPTIBILITY)

Medical Condition Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: EYES: NEVER INTRODUCE OINTMENT/OIL INTO EYES WITHOUT MEDICAL ADVICE! IN CASE OF FREEZING/CRYOGENIC "BURNS" CAUSED BY RAPIDLY EVAPORATING LIQUID, DO NOT WASH EYES WITH HOT OR EVEN TEPID WATER! REMOVE VICTIM FROM SOURCE OF CONTAMINATION. OPEN EYELIDS WIDE TO ALLOW LIQUID TO EVAPORATE. IF PAIN IS PRESENT, REFER VICTIM TO OPHTHALMOLOGIST FOR TREATMENT & FOLLOW UP. IF VICTIM CANNOT TOLERATE LIGHT, PROTECT EYES WITH LIGHT BANDAGE. (INGESTION)

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

Extinguishing Media: NONFLAMMABLE, INERT GAS. MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures: ELECTRICAL CLASSIFICATION: NONHAZARDOUS. USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: EVACUATE ALL PERSONS FROM AFFECTED AREAS. USE APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN USER'S EQUIPMENT, BE CERTAIN TO PURGE PIPING WITH INERT GAS PRIOR TO ATTEMPTING REPAIRS. IF LEAK IS IN CONTAINER/CONTAINER VALVE, CONTACT CHEMTREC FOR EMERGENCY ASSISTANCE/CALL CLOSEST MANUFACTURER LOCATION.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:USE ONLY IN WELL-VENT AREAS. VALVE
PROT CAPS MUST REMAIN IN PLACE UNLESS CNTNR IS SECURED W/VALVE PROT
OUTLET PIPED TO USE POINT.

Other Precautions:DO NOT DRAG, SLID/ROLL CYLS. USE SUITABLE HAND TRUCK
FOR CYL MOVEMENT. USE A PRESS REDUCING REGULATOR WHEN CONNECTING
CYL TO LOWER PRESS (