AIRCO INC AIRCO INDUSTRIAL GASES DIV -- NEON -- 9135-00-800-1815

Product Identification

Product ID: NEON
MSDS Date: 08/17/1993
FSC: 9135
NIIN: 00-800-1815
MSDS Number: BWXRK

Responsible Party

Company Name: AIRCO INC AIRCO INDUSTRIAL GASES DIV
Address: 575 MOUNTAIN AVENUE
City: NEW PROVIDENCE
State: NJ
ZIP: 07974-2006
Country: US
Info Phone Num: 908-464-8100
Emergency Phone Num: 908-464-8100
CAGE: 83956

Contractor Identification

Company Name: AIRCO INC AIRCO WELDING PRODUCTS DIV
Address: 5600 BICKETT ST
City: VERNON
State: CA
ZIP: 90059-3606
Country: US
CAGE: 83956

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

Composition/Information on Ingredients

Ingredient: NEON
CAS: 7440-01-9
RTECS #: Q94500000
Fraction by Wt.: 75-100%
ACGIH TLV: SIMPLE ASPHYXIANT

Ingredient: HELIUM
CAS: 7440-59-7
RTECS #: M65200000
Fraction by Wt.: 0-25%
ACGIH TLV: SIMPLE ASPHYXIANT

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: INHALATION: SIMPLE ASPHYXIANT.
LIBERATION OF A LARGE AMOUNT OF NEON IN A CONFINED AREA COULD DISPLACE OXYGEN IN AIR THAT IS NECESSARY TO SUPPORT LIFE.
Explanation of Carcinogenicity: NONE
Effects of Overexposure: HEADACHE, DIZZINESS, LABORED BREATHING, UNCONSCIOUSNESS.

First Aid Measures

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE CPR/SUPPLEMENTAL OXYGEN IF NEEDED. FURTHER TREATMENT SHOULD BE SYMPTOMATIC & SUPPORTIVE. OBTAIN MEDICAL ATTENTION IN ALL CASES.
Fire Fighting Measures

Flash Point: NONE
Lower Limits: NONE
Upper Limits: NONE
Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING CONDITIONS.
Fire Fighting Procedures: NONE

Accidental Release Measures

Spill Release Procedures: EVACUATE AREA. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN CONTAINER/CONTAINER VALVE, CONTACT CHEMTREC FOR EMERGENCY ASSISTANCE/CALL YOUR CLOSEST AIROCO LOCATION.

Handling and Storage

Handling and Storage Precautions: STORE IN COOL/DRY/WELL VENTILATED AREA OF NON-COMBUSTIBLE CONSTRUCTION AWAY FROM HEAVILY TRAFFICKED AREAS & EMERGENCY EXITS. STORE <130°F.
Other Precautions: USE ONLY IN WELL VENTILATED AREAS. DON'T DRAG/SLIDE/ROLL CYLINDERS. USE A SUITABLE HAND TRUCK FOR CYLINDER MOVEMENT. PROTECT CYLINDERS FROM PHYSICAL DAMAGE. STORE UPRIGHT & FIRMLY SECURED TO PREVENT FALLING/BEING KNOCKED OVER. (SEE SUPP)

Exposure Controls/Personal Protection

Respiratory Protection: WEAR A POSITIVE PRESSURE AIRLINE W/MASK/SCBA FOR EMERGENCY USE.
Ventilation: LOCAL EXHAUST; TO PREVENT ACCUMULATION OF HIGH CONCENTRATIONS. MECHANICAL: IAW/ELECTRICAL CODES.
Protective Gloves: REQUIRED
Eye Protection: SAFETY GOGGLES/GLASSES
Other Protective Equipment: SAFETY SHOES
Supplemental Safety and Health
OTHER PRECAUTIONS CONT'D: NEVER CARRY A COMPRESSED GAS CYLINDER/CONTAINER OF A GAS IN CRYOGENIC LIQUID FORM IN AN ENCLOSED SPACE/CAR TRUNK/VAN/STATION WAGON. A LEAK CAN RESULT IN A FIRE/EXPLOSION/ASPH XYLATION/TOXIC EXPOSURE. DON'T HEAT CYLINDER BY ANY MEANS TO INCREASE DISCHARGE RATE OF PRODUCT FROM CYLINDER.

Physical/Chemical Properties

Boiling Pt: B.P. Text: -410.9°F
Melt/Freeze Pt: M.P./F.P Text: -415.5°F
Vapor Density: 0.7
Solubility in Water: NEGLIGIBLE
Appearance and Odor: COLORLESS, ODORLESS GAS COMPRESSED & SHIPPED IN HIGH PRESSURE CYLINDERS.

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
NONE
Stability Condition to Avoid: NONE
Hazardous Decomposition Products: NONE

Disposal Considerations

Waste Disposal Methods: DON'T ATTEMPT TO DISPOSE OF WASTE/UNUSED QUANTITIES. RETURN IN SHIPPING CONTAINER PROPERLY LABELED W/ANY VALVE OUTLET PLUGS/CAPS SECURED & VALVE PROTECTION CAP IN PLACE TO AIROCO FOR PROPER DISPOSAL IA W/FEDERAL, STATE & LOCAL REGULATIONS. UN1065

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