

## **NEON**

### **MSDS Number**

BWXRK

### **National Stock Number**

9135-00-800-1815

### **Product Name**

NEON

### **Manufacturer**

AIRCO INC AIRCO INDUSTRIAL GASES DIV

### **Product Identification**

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

### **Responsible Party**

AIRCO INC AIRCO INDUSTRIAL GASES DIV  
575 MOUNTAIN AVENUE  
NEW PROVIDENCE , NJ 07974-2006  
US

Emergency Phone: 908-464-8100

Info Phone: 908-464-8100

Cage: 83956

### **Contractor**

AIRCO INC, AIRCO INDUSTRIAL GASES DIV.  
MURRAY HILL, NJ 07974-2006  
US  
800-424-9300(CHEMTREC)  
Cage: 00741

### **Ingredients**

NEON  
CAS: 7440-01-9  
RTECS: QP4550000  
Fraction By Weight: 75-100%  
ACGIH TLV: SIMPLE ASPHYXIAN

HELIUM  
CAS: 7440-59-7  
RTECS: MH6520000  
Fraction By Weight: 0-25%  
ACGIH TLV: SIMPLE ASPHYXIAN

### **Hazards**

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 ASPHYXIAN.  
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

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

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

## Accidental Release

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

## Handling

Handling and Storage Precautions:STORE IN COOL/DRY/WELL VENTILATED AREA  
OF NON-COMBUSTIBLE CONSTRUCTION AWAY FROM HEAVILY TRAFFICKED AREAS  
& EMERGENCY EXITS. STORE 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

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/ASPHYXINATION/TOXIC EXPOSURE. DON'T HEAT CYLINDER BY  
ANY MEANS TO INCREASE DISCHARGE RATE OF PRODUCT FROM CYLINDER.

## Chemical Properties

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

## Stability

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

## Disposal

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  
AIRCO FOR PROPER DISPOSAL IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

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