

AIR PRODUCTS & CHEMICALS, INC -- MIL-P-87932 -- 6830-01-099-6295

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Product Identification  
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Product ID:MIL-P-87932

MSDS Date:01/01/1987

FSC:6830

NIIN:01-099-6295

MSDS Number: BGLTH

=== Responsible Party ===

Company Name:AIR PRODUCTS & CHEMICALS, INC/ALLENTOWN, PA 18105

Address:7201 HAMILTON BLVD

City:ALLENTOWN

State:PA

ZIP:18195-1501

Country:US

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

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Composition/Information on Ingredients  
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Ingred Name:NEON

RTECS #:QR4550000

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Hazards Identification  
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Effects of Overexposure:DIZZINESS/NAUSEA/VOMITING/LOSS OF  
CONSCIOUSNESS. LIQ NEON CAN CAUSE CRYOGENIC BURNS/FREEZE TISSUES

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First Aid Measures =====

First Aid:INHALATION: MOVE TO FRESH AIR. KEEP WARM/QUIET. SEEK MED ASSITANCE. SKIN: FROZEN TISSUES SHOULD BE FLOODED OR SOAKED W/TEPID WATER (105-115F, 41-46C). DON'T USE HOT WATER. IF FREEZING IS SUPERFICIAL O R TO A MINOR EXTENT. MED ASSIST MAY NOTBE REQ

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

Extinguishing Media:NONFLAMMABLE

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS MAY BE REQUIRED

Un

usual Fire/Explosion Hazard:RESUCE PERSONNEL SHOULD AVOID UNNECESSARY EXPOSURE.

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

Spill Release Procedures:VENTILATE ENCLOSED AREAS TO PREVENT FORMATION OF OXYGEN DEFICIENT ATMOSPHERES.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. STORE CYLINDERS IN A COOL, DRY, WELL-VENTILATED AREA OF NONCOUSTIBLE CONSTRUCTION. USE ONLY IN A WELL VENT AREA

Other Precautions:FOR LIQUID NEON, USE METAL & MATERIALS COMPATIBLE W/EXTREMELY LOW TEMPS. STORE CYLINDERS IN AN UPRIGHT POSITION & FIRMLY SECED. SEGREGATE FULL/EMPTY CYLINDERS.

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

Respiratory Protection:POSITVE PRESSURE SCBA SHOULD BE AVAILABLE FOR EMERGENCY USE.

Protective Gloves:LEATHER

Eye Protection:SAFETY GOGGLES/GLASSES

Other Protective Equipment:SAFETY SHOES, SAFETY SHOWERS, EYEBATH.

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ntal Safety and Health

02/84. HEMOGLOBIN ISN'T SIGNIFICANTLY UNSATURATED AT PARTIAL PRESSURES OF OXYGEN OF 120MM HG (EQUIVALENT TO 8,000 FT OR 2,0 M ALITUDE). THIS IS EQUIVALENT TO 16% OXYGEN AT SEA LEVEL.

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

HCC:G3

Boiling Pt:B.P. Text:-410.7F

Vapor Density:.052

Solubility in Water:INSOLUBLE

Appearance and Odor:COLORLESS, ODORLESS, TASTELESS GAS.

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

St

ability Indicator/Materials to Avoid: YES  
NONE  
Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: VENT TO THE ATMOSPHERE. DON'T ATTEMPT TO REFILL!  
VENT THE CYLINDER TO THE APPROPRIATE DISPOSAL AREA THUS REMOVING  
ALL PRODUCT. OPEN THE VALVE FULLY/DETERMINE THAT NO PRESSURE  
REMAINS IN THE CYLINDER. DISPOSE BUT DON'T INCINERATE.

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