View NSN Online: https://aerobasegroup.com/nsn/6830-00-660-0026

Product ID:HELIUM MSDS Date:02/16/1981

FSC:6830

NIIN:00-660-0026

MSDS Number: BHDSB === Responsible Party ===

Company Name: AIR PRODUCTS AND CHEMICALS, INC.

Box:538

City:ALLENTOWN

State:PA ZIP:18105 Country:US

Info Phone Num:215-481-4911

Emergency Phone Num:1-800-523-9374 IN PA:1-800-322-9092

CAGE:007

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=== 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: FIRE KING OF SEATTLE

CAGE:6X786

Company Name: OXYGEN SALES AND SERVICE INC

Address: 2043 S 35TH ST

Box:11393 City:TACOMA State:WA

ZIP:98411-0393 Country:US

CAGE:5H199

======= Composition/Information on Ingredients ========

Ingred Name: NO HAZARDOUS INGREDIENT

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======= 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:HELIUM IS ODORLESS/NONTOXIC, BUT MAY PRODUCE SUFFOCATION BY DILUTING THE CONCEN-TRATION OF OXYGEN IN AIR BELOW LEVELS NECESSARY TO SUPPORT LIFE. PERSONEL/RESCUEWORKERS SHOULD NOT ENTER AREAS WHERE THE OXYGEN CONCENTRATION IS BELOW 19%UNLESS PROVIDED WITH A SELF-CONTAINED BREATHIN
APPARATUS/AIRLINE RESPIRATOR. Effects of Overexposure: EXPOSURE TO OXYGEN-DEFICIENT ATMOSPHERES MAY PRODUCE DIZZINESS/NAUSEA/VOMITING/ LOSS OF CONSCIOUSNESS/DEATH. DEATH MAY RESULT FM ERRORS IN JUDGEMENT/CONFUSION/ LOSS OF CONSCIOUSNESS WHICH PREV SELF RE SCUE. AT LOW OXY CONCENT UNCONSCIOUSNESS& DEATH MAY OCCUR IN SEC'S W/O WARNING. EXTENSIVE TISSUE DAMAGE/BURNS CAN RESULT
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First Aid:PERSONS SUFFERING FM LACK OF OXYGEN S/B MOVED TO AREAS W/NORMAL ATMOSPHERE. SELFCONTAINED BREATHING APPARATUS MAY BE REQUIRED TO PREV ASPHYXIATION OF RESCUE WORKERS.CPR/SUPP OXYGEN S/B GIVEN IF THE VICTIM IS NOT BREATHING. IF CRYOGENICLIQ/COLD BOIL-OFF GAS CONTACTS SKIN/EYES, FROZEN TISSUES S/B FLOODED/SOAKED W/ TEPID WATER. CRYOGENIC BURNS WHICH RESULT IN BLISTERING/TISSUE FREEZE-MED ATTN.
========= Accidental Release Measures ==========
Spill Release Procedures:

Spill Release Procedures:

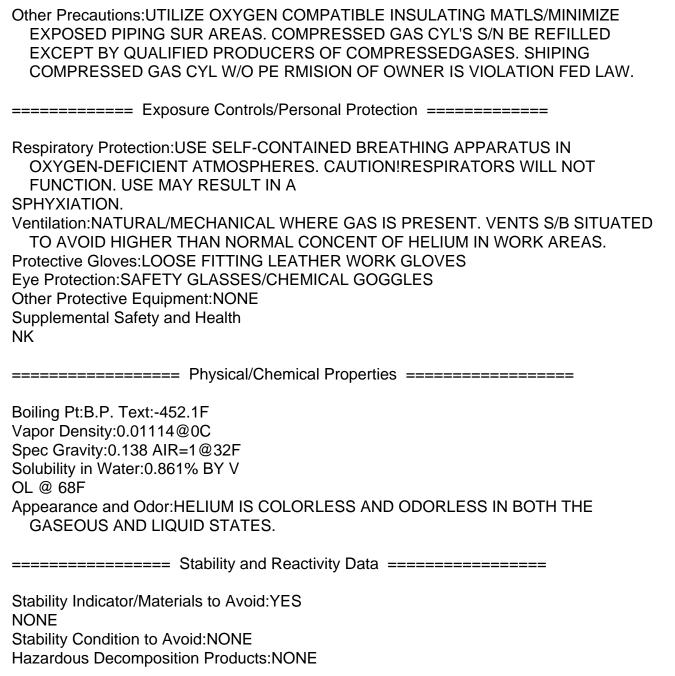
AVOID CONTACT OF SKIN W/LIQUID HELIUM/COLD
BOILOFFGAS. FLUSH LIQ SPILL W/WATER. VENTILATE ENCLOSED AREAS TO
PREVENT FORMATION OF OXYGEN-DEFICIENT ATMOSPHERES CAUSED BY EVAP
OF LIQ HELIUM OR THE RELEASE OF GASEOUS HELIUM.

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

Handling and Storage Precautions: USE ONLY IN WELL VENTILATED AREAS.

AVOID DRAGGING/ROLLING/SLIDING CYL'S EVEN FOR SHORT DISTANCES.

STORE LIQUID CONTAINERS/CYL'S IN WELL VENT AREAS.



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

Waste Disposal Methods:ALLOW LIQ HELIUM TO EVAP IN A WELL VENT LOCATION. VENT HELIUM GAS SLOWLY TO WELL VENT OUTDOOR LOCA. DO NOT

ATTEMPT TO DISPOSE OF RESIDUAL HELIUM IN COMPRESSED GAS CYL'S. RETURN CYL'S TO AIR PRODUCTS W/RESIDUAL PRESS/VALVE TIGHTLY CLOSED/CAP IN PLACE

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