View NSN Online: https://aerobasegroup.com/nsn/6830-00-782-2643

ADVANCED METAL COMPONENTS, INC. -- 3P00102-4 FITTING (LIQUID NITROGEN - SEE SUPP

DATA) -- 6830-00-782-2643

Product ID:3P00102-4 FITTING (LIQUID NITROGEN - SEE SUPP DATA)

MSDS Date:04/04/1984

FSC:6830

NIIN:00-782-2643

MSDS Number: BWZLT === Responsible Party ===

Company Name: ADVANCED METAL COMPONENTS, INC.

Address:1374 WILLOW ROAD

City:MENLO PARK

State:CA ZIP:940

25

Country:US

Info Phone Num:415-617-8915

Emergency Phone Num:415-617-8915

CAGE:0S664

=== Contractor Identification ===

Company Name: ADVANCED METAL COMPONENTS, INC.

Address:1374 WILLOW ROAD

Box:City:MENLO PARK

State:CA ZIP:94025 Country:US

Phone:415-617-8915

CAGE:0S664

Company Name: AIR PRODUCTS AND CHEMICALS INC

Address:7201 HAMILTON BLVD

Box:City:ALLENTOWN

State:PA

ZIP:18195-1501 Country:US

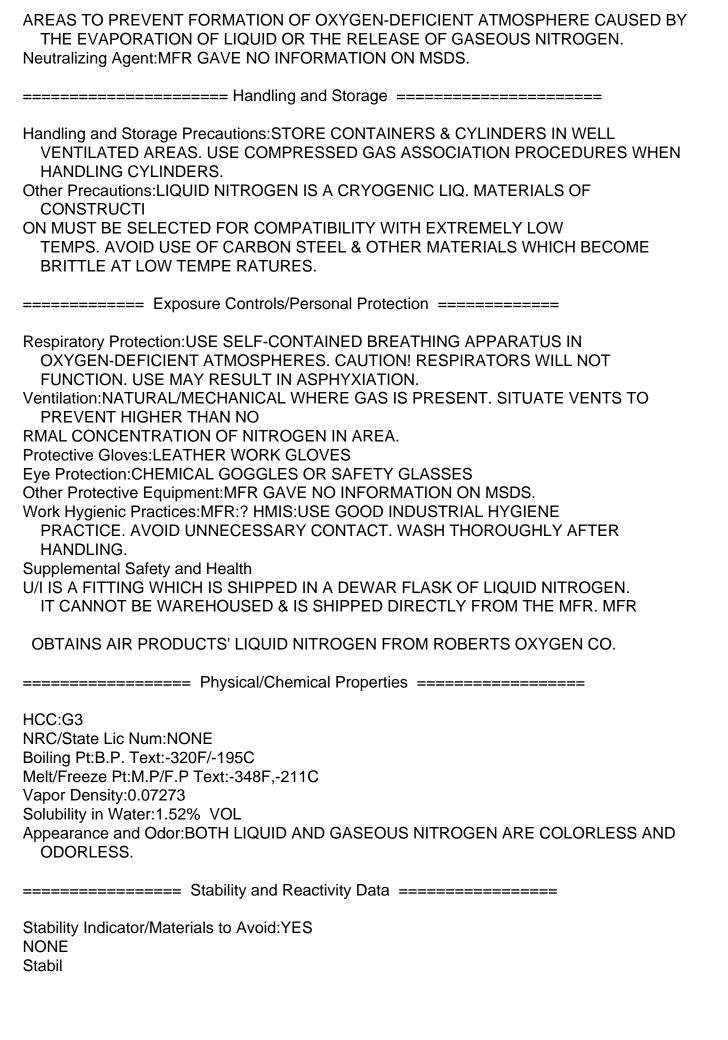
Phone:800-345-3148/800-752-1597

CAGE:00742

Company Name: ROBERTS OXYGEN COMPANY (301-948-8100)

CAGE:7N906

======= Composition/Information on Ingredients ========
Ingred Name:LIQUID NITROGEN - (PART IS SHIPPED IN LIQUID NITROGEN) CAS:7727-37-9 RTECS #:QW9700000 Other REC Limits:NONE RECOMMENDED ACGIH TLV:ASPHYXIANT; 9495
============== Hazards Identification =================
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:NITROGEN IS ODORLESS AND NONTOXIC, BUT MAY PRODUCE SUFFOCATION BY DILUTING THE CONCENTRATION OF OXYGEN IN AIR BELOW LEVELS NECESSARY TO SUPPORT LIFE. PERSONS,INCLUDING RESCUE WORKERS, SHOULD NOT ENTER AREAS WHERE THE OXYGEN CONCENTRATION IS BELOW 19%, UNLESS PROVIDED WITH A SELF-CONTAINED BREATHING APPARATUS. Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS DOES NOT EXPECT IT TO BE CARCINOGENIC. Effects of Overexposure:EXPOSURE TO OXYGEN-DEFICIENT ATMOSPHERE MAY PRODUCE DIZZINES S, NAUSEA, VOMITING,LOSS OF CONSCIOUSNESS, & DEATH. EXTENSIVE TISSUE DAMAGE OR BURNS CAN RESULT FROEXPOSURE TO LIQUID NITROGEN OR COLD NITRO GEN VAPORS. NITROGEN UNDER HIGH PRESSURECAN PRODUCE NARCOSIS EVEN THOUGH OXYGEN SUFFICIENT FOR LIFE IS PRESENT. Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.
======================================
First Aid:MOVE PERSON SUFFERING FROM LACK OF OXYGEN TO NORMAL ATMOSPHERE. ASSIST RESPIRATIO N & SUPPLEMENTAL OXYGEN IF NEEDED. IF CRYOGENIC LIQUID OR COLD GAS CONTACTS WORKER'S SKIN OR EYES, FLOOD FROZEN TISSUES WITH TEPID WATER. DO NOT USE HOT WATER! GET IMMEDIATE MEDICAL ATTENTION FOR CRYOGENIC BURNS WHICH RESULT IN BLISTERING OR DEEPER TISSUE FREEZING.
========== Accidental Release Measures ============
Spill Release Procedures:AVOID CONTACT OF SKIN WITH LIQUID NITROGEN OR ITS BOIL-OFF GAS. FLUSH SPILL WITH WATER TO DISPERSE. VENT ENCLOSED



ity Condition to Avoid:NONE
Hazardous Decomposition Products:NONE
Conditions to Avoid Polymerization:WILL NOT OCCUR. NONE

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

Waste Disposal Methods:ALLOW LIQUID NITROGEN TO EVAPORATE IN WELL VENTILATED OUT-DOOR LOCATION REMOTE FROM WORK AREAS. DO NOT DISPOSE OF RESIDUAL NITROGEN IN COMPRESSED GAS CYLINDERS. RETURN CYLINDERS TO MFR W/VALVE TIGHTL Y CLOSED & CAPS IN PLACE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.