

N/K -- NITROGEN(FILLED CYLINDER) FOR DECON APPARAT -- 4230-00-720-1618

Product ID:NITROGEN(FILLED CYLINDER) FOR DECON APPARAT

MSDS Date:12/14/1988

FSC:4230

NIIN:00-720-1618

Kit Part:Y

MSDS Number: BFMDZ

=== Responsible Party ===

Preparer's Name:DGSC-SLM/DOD HMIS

CAGE:GO304

=== Contractor Identification ===

Company Name:ALL-BANN ENTERPRISES INC

Address:2727 CORONADO STREET

Box:City:ANAHEIM

State:CA

ZIP:92806-2401

Country:US

Phone:7

14-630-7711

CAGE:27742

Address:BOSTON ST

City:MIDDLETON

Country:US

CAGE:GO304

Company Name:ROCK ISLAND ARSENAL

Box:City:ROCK ISLAND

State:IL

ZIP:61201

Country:US

CAGE:19204

Company Name:SPARKLET DEVICES INC

Address:4400 GUSTINE AVE

Box:City:ST LOUIS

State:MO

ZIP:63116-1712

Country:US

Phone:314-353-0400

CAGE:87286

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

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: >99%.

ACGIH TLV:ASPHYXIAN; 9192

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: SIMPLE ASPHYXIANT WHICH CAN  
LEAD TO DEATH IF APPROPRIATE OXYGEN LEVEL IS NOT PROVIDED.  
Effects of Overexposure:INHAL: NON-TOXIC GAS. ACTS AS A SIMPLE  
ASPHYXIANT DISPLACING OXYGEN. WHICH LEADS TO INCREASED PULSE RATE,  
NAUSEA, & COLLAPSE.  
Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY ALIMENTS.

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First Aid Measures  
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First Aid:IN OXYGEN DEFICIENT AREAS, RESCUERS SHOULD USE "SCBA"  
EQUIPMENT. REMOVE PARTY TO FRESH AIR. QUICKLY RESTORE AND/OR  
SUPPORT BREATHING AS REQUIRED, ADMINISTERING OXYGEN IF AVAILABLE.  
GET MEDICAL ATTENTI ON.

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Fire Fighting Measures  
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Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:NONE  
Extinguishing Media:NON-FLAMMABLE; EXTING  
UISH W/ AGENT SUITABLE FOR  
SURROUNDING FIRE.  
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE-EXPOSED  
CONTAINERS.  
Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE! CONTAINERS MAY  
RUPTURE IN HEAT OF FIRE.

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Accidental Release Measures  
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Spill Release Procedures:EVACUATE AREA UNTIL VENTILATION CAN RESTORE  
SAFE OXYGEN LEVEL. EMERGENCY PERSONNEL,USE "SCBA" IN OXYGEN  
DEFICIENT ENVIRONS. MINOR LEAKS(DANGEROUS IN ENCLOSED AREAS) CAN BE  
DETECTED BY PAINTING SUSPECT ED LEAKAGE WITH SOAP SOLUTION.

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Handling and Storage  
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Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. STORE  
IN COOL, DRY, WELL VENTILATED, LOW FIRE RISK AREA. PROTECT FROM  
EXTREME IN TEMPERATURES & WEATHER.  
Other Precautions:FOLLOW TECH MANUAL INSTRUCTION FOR USE OF EQUIPMENT.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE SHOULD BE NEEDED

UNDER NORMAL CONDITIONS OF USE. FOR NITROGEN ONLY!

Ventilation:MECH(GEN) OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION.

Protective Gloves:NOT APPLICABLE.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:AS REQUIRED FOR TASK AT HAND.

Work Hygienic Practices:FOLLOW TECH MANUAL INSTRUCTIONS FOR USE OF EQUIPMENT.

Supplemental Safety and Health

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

HCC:G3

Boiling Pt:B.P. Text:-320F/-196C

Vapor Density:0.97

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vaporation Rate & Reference:100.

Solubility in Water:1.6 VOL/100

Appearance and Odor:COLORLESS, TASTELESS, ODORLESS GAS.

Percent Volatiles by Volume:100.

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

Stability Indicator/Materials to Avoid:YES

AT HI-TEMPS, W/OXYGEN OR NITROGEN, CARBON & ALKALIES.

Stability Condition to Avoid:HIGH TEMPERATURES.

Hazardous Decomposition Products:OXIDES OF NITROGEN.

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

Wast

e Disposal Methods:REMOVE LEAKING CYLINDER OUTDOORS OR PLACE INTO A HOOD W/GOOD FORCED VENTILATION. ALLOW GAS TO DISCHARGE AT A MODERATE RATE. DEFECTIVE CYLINDER SHOULD BE TAGGED TO INDICATE DEFECT.

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