

SENIOR FLEXONICS INC -- ACCUMULATOR -- 1440-01-368-3822

===== Product Identification =====

Product ID:ACCUMULATOR

MSDS Date:06/01/1989

FSC:1440

NIIN:01-368-3822

MSDS Number: CFFJZ

=== Responsible Party ===

Company Name:SENIOR FLEXONICS INC

Address:1075 PROVIDENCE HWY

City:SHARON

State:MA

ZIP:02067

Country:US

Info Phone Num:617-784-1400

Emergency Phone Num:617-784-1400

Preparer's Name:HMIS (DSCR-VB

A)

CAGE:16519

=== Contractor Identification ===

Company Name:SENIOR FLEXONICS INC

Address:1075 PROVIDENCE HWY

Box:City:SHARON

State:MA

ZIP:02067

Country:US

Phone:617-784-1400

CAGE:16519

Company Name:WILDWOOD ELECTRONICS, INC (205-461-7110)

Box:UNKNOW

CAGE:6X173

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

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: 100%

ACGIH TLV:ASPHYXIAN; 9192

===== 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:NITROGEN IS A SIMPLE ASPHYXIANT.  
NITROGEN UNDER HIGH PRESSURE CAN PRODUCE NARCOSIS.  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:INHALATION(IN ABSENCE OF OXYGEN):DIZZINESS, NAUSEA, VOMITING,LOSS OF CONSCIOUSNESS, AND DEATH.  
Medical Cond Aggravate  
d by Exposure:NONE NOTED.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. GIVE OXYGEN/CPR AS NEEDED.

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

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCB & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO CO NEARBY CONTAINERS EXPOSED TO FIRE.  
Unu  
sual Fire/Explosion Hazard:CYLINDERS MAY EXPLODE IN HEAT OF FIRE.

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

Spill Release Procedures:VENTILATE ENCLOSED AREAS TO PREVENT FORMATION OF OXYGEN-DEFICIENT ATMOSPHERES CAUSED BY THE RELEASE OF GASEOUS NITROGEN.  
Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED AREAS.  
CONTAINS NITROG  
EN AT HIGH PRESSURE (1100 PSI). HANDLE WITH CARE.  
Other Precautions:NONE

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

Respiratory Protection:USE SCBA IN OXYGEN-DEFICIENT ATMOSPHERES.  
CAUTION! RESPIRATORS WILL NOT FUNCTION. USE MAY RESULT IN ASPHYXIATION.  
Ventilation:MECHANICAL (GENERAL) VENTILATION AND/OR LOCAL EXHAUST AS NECESSARY.  
Protective Gloves:LEATHER WORK GLOVES.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:OXYGEN MONITORING EQUIPMENT TO

TEST FOR

OXYGEN DEFICIENT ATMOSPHERES.

Work Hygienic Practices:STANDARD HYGENIC PRACTICES.

Supplemental Safety and Health

MSDS NOT AVAILABLE FROM MFR. MSDS GENERATED WITH INFORMATION PROVIDE BY  
MFR AND DDSP-TH. CHARGE PRESSURE IS 1100 PSI, PROOF PRESSURE IS  
4500 PSI, VOLUME OF GAS 445 CU.IN.

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

HCC:G3

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

Melt/Freeze Pt:M.P/F.P Text:-346F,-210C

Vapor Pres:1100 PSI

Vapor Density:0.07245

Sp

ec Gravity:0.967

Solubility in Water:1.52%

Appearance and Odor:COLORLESS, ODORLESS GAS.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:VENT NITROGEN GAS SLOWLY TO A WELL VENTILATED  
OUTODOOR LOCATION REMOTE FROM WORK AREAS. DO  
NOT DISPOSE OF  
RESIDUAL NITROGEN IN CYLINDERS. RETURN TO MANUFACTURER WITH  
RESIDUAL PRESSURE.

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