

POWER CONVERSION INC -- ETERNACELL -- 6135-01-069-8575

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Product Identification
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Product ID:ETERNACELL

MSDS Date:06/09/1992

FSC:6135

NIIN:01-069-8575

MSDS Number: BNKRX

=== Responsible Party ===

Company Name:POWER CONVERSION INC

Address:495 BOULEVARD

City:ELMWOOD PARK

State:NJ

ZIP:07407-2029

Country:US

Info Phone Num:201-796-6243

Emergency Phone Num:201-796-4800

CAGE:55002

=== Contractor

Identification ===

Company Name:POWER CONVERSIONS INC (CANCELED USE 5G978)

Address:495 BOULEVARD

Box:City:ELMWOOD PARK

State:NJ

ZIP:07407-2029

Country:US

Phone:201-796-4800

CAGE:55002

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Composition/Information on Ingredients
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Ingred Name:LITHIUM

CAS:7439-93-2

RTECS #:OJ5540000

Ingred Name:SULFUR DIOXIDE (SARA III)

CAS:7446-09-5

RTECS #:WS4550000

OSHA PEL:5 PPM/5 STEL

ACGIH TLV:2 PPM/5 STEL; 9293

Ingred Name:ACETONITRILE (SARA III)

CAS:75-05-8

RTECS #:AL7700000

OSH

A PEL:40PPM/60 STEL
ACGIH TLV:40PPM/60STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SULFUR DIOXIDE-5 PPM TWA 8 HOUR:
ACETONITRILE-40 PPM TWA 8 HOUR. SEVERE IRRITATION OF EYES AND
RESPIRATORY TRACT. PULMONARY EDEMA POSSIBLE.
EXTENDED EXPOSURE TO
HIGH CONCENTRATIONS IN CONFINED SPACE CAN LEAD TO ASPHYXIATION.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EMPLOYEE BREATHING VAPORS FROM VENTING CELL SHOULD BE REMOVED
TO FRESH AIR. SKIN, EYE OR MUCOUS MEMBRANE CONTACT W/ ELECTROLYTE
SHOULD BE FOLLOWED BY FLUSHING W/LARGE
QUANTITIES OF WATER. IN CASE
OF EYE CONTACT, CONSULT PHYSICIAN.

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

Extinguishing Media:SAND, DRY CHEMICAL, FOAM, METAL-X
Fire Fighting Procedures:REMOVE OTHER BATTERIES & POTENTIAL COMBUSTIBLE
MATERIAL FROM AREA OF BURNING BATTERY AND CONTAIN AND EXTINGUISH
WITH AGENTS LISTED ABOVE.
Unusual Fire/Explosion Hazard:HEATING CELL >160F OR SHORT CIRCUITING
CELL CAN LEAD TO VENTING, RELEASING SULFUR DIOXIDE, ACETONITRILE.
HEATING >354F LEAD MELTING OF LITHIUM, SEVERE FIRE&EXP.

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

Spill Release Procedures:IF CELL VENTS OR IS PUNCTURED, VENTILATE AREA
WELL. WASH AWAY ANY LIQUID RESIDUE WITH WATER. WEAR EYE AND HAND
PROTECTION. RESPIRATOR MAY BE NECESSARY IN CONFINED SPACES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT

PUNCTURE, INCINERATE, SHORT
CIRCUIT OR EXPOSE TO TEMP >160F. STORE IN ORIGINAL CONTAINERS.
NEVER STORE IN LOOSE BINS.

Other Precautions:DO NOT USE CELLS IN HERMETICALLY SEALED CONTAINERS.
DO NOT EXPOSE CELLS TO CHARGING CURRENTS. NEVER CUT INTO CELL.

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

Respiratory Protection:FULL FACE RESPIRATOR WITH PARTICULATE/ORGANIC
CARTRIDGE.

Ventilation:IN CASE OF VENTING PROVIDE AS MUCH VENTILATION AS POSSIBLE.

Protective

Gloves:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Eye Protection:EYE PROTECION WHEN HANDLING BATTERIES.

Other Protective Equipment:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Work Hygienic Practices:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Supplemental Safety and Health

NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

HCC:F8

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

Stability Indicator/Materials to Avoid:YES

DO

NOT EXPOSE VENTED CELLS TO WATER.

Stability Condition to Avoid:AVOID EXPOSURE TO TEMPERATURES ABOVE 160F.

Hazardous Decomposition Products:ACETONITRILE MAY DECOMPOSE ABOVE 245F,
RELEASING HIGHLY TOXIC CYANIDES.

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

Waste Disposal Methods:DISCHARGED CELLS MAY CONTAIN SIGNIFICANT AMOUNTS
OF ENERGY AND SHOULD BE HANDLED W/CARE. ELECTRICALLY ISOLATE AND
PACK FOR DISPOSAL. DO NOT COMPACT. DISPOSE IN SAN. LANDFILLS I/A/W

ALL APPLICABLE FED, STATE & LOCAL REGS.

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