

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

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

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

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

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

OSHA

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

===== 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 C AN LEAD TO ASPHYXIATION.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== 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.

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

Extinguishing Media:SAND, DRY CHEMICAL, FOAM, METAL-X
Fire Fighting Procedures:REMOVE OTHER BATTERIES & POTENTIAL COMBUSTABLE
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, ACETONITR
ILE.
HEATING >354F LEAD MELTING OF LITHIUM, SEVERE FIRE&EXP.

===== 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.

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

Handling and Storage Precautions:DO NOT P

UNCTURE, 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 G

loves: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.

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 th

is information to their particular situation.