

POWER CONVERSION INC -- ETERNACELL -- 6135-01-071-4923

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

Product ID:ETERNACELL

MSDS Date:01/01/1987

FSC:6135

NIIN:01-071-4923

MSDS Number: BJJHK

=== Responsible Party ===

Company Name:POWER CONVERSION INC

Address:495 BOULEVARD

City:ELMWOOD PARK

State:NJ

ZIP:07407-2029

Country:US

Info Phone Num:201-796-4800

Emergency Phone Num:201-796-4800

CAGE:5G978

=== Contractor

Identification ===

Company Name:HAWKER ETERNACELL, INC.

Address:495 BOULEVARD

Box:City:ELMWOOD PARK

State:NJ

ZIP:07407-2029

Country:US

Phone:201-796-4800 /FAX: 201-796-6243

CAGE:5G978

===== 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

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SHA 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: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:NONE SPECIFIED BY MANUFACTURER.
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. ANY SKIN, EYE OR MUCOUS MEMBRANE CONTACT WITH
ELECTROLYTE SHOULD BE FOLLOWED BY FLUSHING WITH LARGE QUANTITIES OF
WATER. IN CASE OF EYE CO
NTACT, CONSULT PHYSICIAN.INGEST:GET MD
IMMEDIATELY.

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

Extinguishing Media:SAND, DRY CHEMICAL, FOAM, METAL-X.
Fire Fighting Procedures:REMOVE OTHER BATTERIES&POTNTL COMBUST MATL
FROM AREA OF BURNING BATTERY&CONTAIN&EXTING W/AGENTS LISTED
ABOVE.USE NIOSH/MSHA APPRVD SCBA&FULL PROT EQUIP.
Unusual Fire/Explosion Hazard:HEATING CELL ABOVE 160F OR SHORT
CIRCUITING CELL CAN LEAD TO VENTING AND RELEASE OF SULFUR DIOXI
DE
AND ACETONITRILE. (SEE SUPP DATA)

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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, SH

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CIRCUIT OR EXPOSE TO TEMPERATURES ABOVE 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.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:CHEMICAL WORKERS GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLO HAZ:HEATING ABOVE 354F WILL LEAD TO MELTING OF LITHIUM AND REPRESENTS A SEVERE FIRE & EXPLOSION HAZARD. (SEE ALSO: OTHER PRECAUTIONS).

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

HCC:V1

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

Sta

bility 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.

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

Waste Disposal Methods:DISCHARGED CELLS MAY CONTAIN SIGNIFICANT AMTS OF ENERGY&SHOULD BE HANDLED W/CARE.THEY SHOULD BE ELECTRICALLY ISOLATED&PACKED FOR DISPOSAL.DO NOT COMPACT.DISPOSE OF IN SANITARY LANDFILLS IN ACCORDANCE W/ALL APPLICABLE FED,STATE,&LOCAL REGULATIONS.

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