

POWER CONVERSION INC -- ETERNACELL LITHIUM SDX AA 0715-001 -- 6135-01-280-2883

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Product Identification  
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Product ID:ETERNACELL LITHIUM SDX AA 0715-001

MSDS Date:05/05/1996

FSC:6135

NIIN:01-280-2883

MSDS Number: BZNVH

=== 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

Emer

gency Phone Num:201-796-4800 EXT. 164

Preparer's Name:K. ERRICKSON

CAGE:5G978

=== Contractor Identification ===

Company Name:ARTEX AIRCRAFT SUPPLIES INC

Address:10714 S TOWNSHIP RD

Box:1270

City:CANBY

State:OR

ZIP:97013

Country:US

CAGE:60253

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

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Composition/Information on Ingredients  
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Ingred Name:SULFUR DIO

XIDE (SARA 302)  
CAS:7446-09-5  
RTECS #:WS4550000  
Fraction by Wt: 71%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 PPM  
ACGIH TLV:2 PPM/5 STEL; 9495

Ingred Name:LITHIUM METAL (0.325 GRAMS)  
CAS:7439-93-2  
RTECS #:OJ5540000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPYLENE (PROPENE) (SARA 313)  
CAS:115-07-1  
RTECS #:UC6740000  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHIXIANT; 9495

Ingred Name:ACETONITRILE (SARA 313) (CERCLA)  
CAS:75-05-8  
RTECS #:AL7700000  
Fraction by Wt: 23%  
Other REC Limit  
s:NONE RECOMMENDED  
OSHA PEL:40 PPM  
ACGIH TLV:40 PPM/60 STEL; 9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:LITHIUM SALTS MIXTURE  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:STEEL CASING, & NON-HAZARDOUS COMPONENTS  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYTETRAFLUOROETHYLENE  
CAS:116-14-3  
RTECS #:KX4025000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3.5 MG/M

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Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: ELECTROLYTE IS SEVERE IRRITANT.

INTACT LITHIUM IS REACTIVE. AVOID CONTACT. CHRONIC: MAY CAUSE DERMATITIS. SOME COMPONENTS HAVE BEEN SHOWN TO BE TERATOGENIC TO ANIMALS.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:EXPOSURE TO SKIN OR EYES MAY CAUSE IRRITATION.

INHALATION MAY RESULT IN DIFFICULTY BREATHING.

Medical Cond Aggravated by Exposure:NONE KNOWN

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First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ASSISTANCE. SKIN: FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ASSISTANCE. INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ASSISTANCE.

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Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:LITH-X, DRY SAND

Fire Fighting Procedures:COOL BATTERY WITH EXTINGUISHING MEDIA, REMOVE ADJACENT COMBUSTIBLE MATERIALS IF SAFE TO DO SO. SCBA REQUIRED.

Unusual Fire/Explosion Hazard:DO NOT USE WATER TO EXTINGUISH FIRES, CELLS CAN REACT WITH WATER VIOLENTLY. CELLS CAN VENT ELECTROLYTE IF SUBJECT TO TEMPERATURES OF 185F OR GREATER.

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Accidental Release Measures =====

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Spill Release Procedures:ALLOW BATTERY TO COOL AND VAPOR TO DISSIPATE. AVOID CONTACT. AVOID INHALATION OF VAPORS. REMOVE SPILLED ELECTROLYTE WITH ABSORBANT MATERIAL. WEAR FULL FACE ACID/ORGANIC CARTRIDGE RESPIRATOR.

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Handling and Storage =====

Handling and Storage Precautions:BATTERIES MAY EXPLODE, IGNITE, OR VENT ELECTROLYTE IF CRUSHED, OPENED, PUNCTURED OR EXPOSED TO TEMPERATURES IN EXCESS OF 185F.

Other Precautions:DO N

OT SHORT CIRCUIT, INSTALL WITH INCORRECT  
POLARITY, OR ATTEMPT TO RECHARGE. DO NOT INCINERATE.

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

Respiratory Protection:USE FULL FACE ACID/ORGANIC VAPOR RESPIRATOR IF  
CELL VENTS.

Ventilation:PROVIDE IF CELL VENTS.

Protective Gloves:NATURAL OR BUTYL RUBBER.

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER (HMIS)

Work Hygienic Practices:AVOID EXPOSURE. WASH HANDS AFTER HANDLIN

G.

Supplemental Safety and Health

NONE

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

HCC:N1

Appearance and Odor:APPEARANCE OF SMALL BATTERY; CYLINDRICAL OR  
BOXLIKE.

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

Stability Indicator/Materials to Avoid:YES

DO NOT EXPOSE TO WATER.

Stability Condition to Avoid:DO NOT HEAT ABOVE 185F, PUNCTURE, OR OPEN  
CELL, SHORT CIRCUIT, OR ATTEMPT TO RECHARGE.

Hazardous Decomposition Products:MAY INCLUDE CARB  
ON MONOXIDE AND  
CAUSTIC LITHIUM OXIDE.

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

Waste Disposal Methods:FULLY DISCHARGE PRIOR TO DISPOSAL. DISPOSE OF IN  
ACCORDANCE WITH LOCAL, STATE. AND FEDERAL REGULATIONS.

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