

POWER CONVERSION INC. -- LITHIUM/SULFUR DIOXIDE BATTERY -- 6135-01-090-5364

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Product Identification
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Product ID:LITHIUM/SULFUR DIOXIDE BATTERY

MSDS Date:01/01/1987

FSC:6135

NIIN:01-090-5364

MSDS Number: BMZYR

=== Responsible Party ===

Company Name:POWER CONVERSION INC.

Address:495 BOULEVARD

City:ELMWOOD PARK

State:NJ

ZIP:07407

Country:US

Info Phone Num:201-796-4800

Emergency Phone Num:2

01-796-4800

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:SULFUR DIOXIDE (SARA III)

CAS:7446-09-5

RTECS #:WS4550000

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 PPM/5 STEL

ACGIH TLV:2 PPM/5 STEL; 9293

Ingred Name:ACETONITRILE (SARA III)

CAS:75-05-8

RTECS

#:AL7700000
Other REC Limits:NONE SPECIFIED
OSHA PEL:40PPM/60 PPM STEL
ACGIH TLV:40PPM/60STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:LITHIUM
CAS:7439-93-2
RTECS #:OJ5540000
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT PRESENTS NO HAZARD UNTIL CASE
IS BREACHED. VENTING
DISCHARGES SULFUR DIOXIDE AND/OR ACETONITRILE.
VENTED GASES MAY CAUSE SEVERE IRRITATION OF EYES AND RESPIRATORY
TRACT. PULMONARY EDEMA POSSIB LE. EXTENDED EXPOSURE TO HIGH
CONCENTRATIONS IN CONFINED SPACE CAN LEAD TO ASPHYXIATION.
Effects of Overexposure:IRRITATION OF EYES AND RESPIRATORY TRACT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION OF VAPORS: REMOVE TO FRESH AIR
. ANY SKIN, EYE OR
MUCOUS MEMBRANE CONTACT WITH BATTERY ELECTROLYTE SHOULD BE FOLLOWED
BY FLUSHING WITH LARGE QUANTITIES OF WATER. IN CASE OF EYE CONTACT,
CONS ULT A PHYSICIAN.

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

Extinguishing Media:SAND, METAL-X, DRY CHEMICAL, FOAM
Fire Fighting Procedures:REMOVE OTHER BATTERIES AND COMBUSTIBLE
MATERIALS FROM AREA OF BURNING BATTERIES AND EXTINGUISH WITH AGENTS
LISTED ABOVE.
Unusual Fire/Explosion Hazard:HE

ATING ABOVE 160F OR SHORT CIRCUITING
CELLS CAN LEAD TO VENTING & RELEASE OF SULFUR DIOXIDE &
ACETONITRILE. HEATING >354F PRESENTS FIRE & EXPLOSION HAZARD.

===== 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 PUNCTURE, INCINERATE, SHORT
CIRCUIT OR EXPOSE TO TEMPERATURES ABOVE 160F. STORE IN ORIGINAL
CONTAINERS. DO NOT STORE IN LOOSE BINS.
Other Precautions:DO NOT USE BATTERIES IN HERMETICALLY SEALED
CONTAINERS. DO NOT EXPOSE CELLS TO CHARGING CURRENTS. NEVER CUT
INTO CELLS.

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

Respiratory Protection:NONE SPECIFIED BY MANUF
ACTURER.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:NONE
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
LITHIUM SULFUR-DIOXIDE, SEALED, CYLINDRICAL BATTERY. DOT EXEMPTION
DOT-E-7052 APPLIES.

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

HCC:Z6
Appearance and Odor:LITHIUM BATTERY

===== 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 BATTERIES MAY STILL CONTAIN SIGNIFICANT ENERGY AND SHOULD BE HANDLED WITH CARE. ELECTRICALLY ISOLATE & PACK FOR DISPOSAL. DO NOT COMPACT. DISPOSE IN SANITARY LANDFILLS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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