

ETERNACELL 9391573-1

MSDS Number

BJDNW

National Stock Number

6135-01-091-6021

Product Name

ETERNACELL 9391573-1

Manufacturer

POWER CONVERSION INC

Product Identification

Product ID:ETERNACELL 9391573-1

MSDS Date:09/05/1990

FSC:6135

NIIN:01-091-6021

MSDS Number: BJDNW

Responsible Party

POWER CONVERSION INC

495 BOULEVARD

ELMWOOD PARK , NJ 07407-2029

US

Emergency Phone: 201-796-1606

Info Phone: 201-796-4800

Cage: 5G978

Contractor

HI-SHEAR TECHNOLOGY CORP

TORRANCE, CA 90505

US

213-784-2100

Cage: 7X664

Ingredients

LITHIUM

CAS: 7439-93-2

RTECS: OJ5540000

SULFUR DIOXIDE (SARA III)

CAS: 7446-09-5

RTECS: WS4550000

OSHA PEL5 PPM/5 STEL

ACGIH TLV: 2 PPM/5 STEL; 9293

ACETONITRILE (SARA III)

CAS: 75-05-8

RTECS: AL7700000

OSHA PEL40PPM/60 STEL

ACGIH TLV: 40PPM/60STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

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.

First Aid

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

Extinguishing Media:SAND, DRY CHEMICAL, FOAM, METAL-X

Fire Fighting Procedures:REMOVE OTHER BATTERIES & POTNTL COMBUST MATL 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.

Accidental Release

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

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

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

Ventilation:CONSULT LOCAL SAFETY/HEALTH AUTHORITIES IF ADDITIONAL GUIDANCE IS NECESSARY .

Protective Gloves:RUBBER GLOVES

Eye Protection:EYE PROTEC WHEN HANDLING BATTERIES.

Other Protective Equipment:RUBBER APRON

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:Z6

Stability

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

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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