

HAWKER ETERNACELL INC (FORMALLY POWER CONVERSION INC) -- B9574T, ETERNACELL --  
6135-01-445-5546

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

Product ID:B9574T, ETERNACELL

MSDS Date:08/26/1998

FSC:6135

NIIN:01-445-5546

Status Code:A

MSDS Number: CKXNF

=== Responsible Party ===

Company Name:HAWKER ETERNACELL INC (FORMALLY POWER CONVERSION INC)

Address:495 BOULEVARD

City:ELMWOOD PARK

State:NJ

ZIP:07407-2029

C

Country:US

Info Phone Num:201-796-4800

Emergency Phone Num:201-796-48100

CAGE:5G978

=== Contractor Identification ===

Company Name:FEDCO ELECTRONICS INC

Address:363 CAPITAL DR

Box:1403

City:FOND DU LAC

State:WI

ZIP:54936-1403

Country:US

Phone:920-922-6490/FAX 920-922-6750

Contract Num:SP0430-00-M-KL41

CAGE:0FCZ6

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

===== Compos

ition/Information on Ingredients =====

Ingred Name:LITHIUM  
CAS:7439-93-2  
RTECS #:OJ5540000

Ingred Name:THIONYL CHLORIDE  
CAS:7719-09-7  
RTECS #:XM5150000  
ACGIH STEL:C4.9 MG/M3;C1 PPM

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

LD50 LC50 Mixture:NOT PROVIDED  
Health Hazards Acute and Chronic:THIONYL CHLORIDE DECOMPOSES TO HCL AND SO2 IN PRESENCE OF WATER. OSHA STANDARD FOR BOTH THESE MATERIALS IS 5PPM TWA2 OVER 8 HOURS.  
Explanation of Carcinogenicity:NOT PROVIDED  
Effects of Overexposure:IN PRESENCE OF MOSITURE, PULMONARY EDEMA AND LARYNGEAL SPASM CAN OCCUR. SEVERE IRRITATION OF EYES, NOSE AND THROAT. EXTENDED EXPOSURE IN CONFINED SPACE CAN LEAD TO ASPHYXIATION.  
Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:THIONYL CHLORIDE ELECTROLYTE DECOMPOSES TO SULFUR DIOXIDE AND HYDROCHLORIC ACID IN THE PRESENCE OF MOISTURE. EMPLOYEE BREATHING VAPORS FROM VENTING CELL SHOULD BE REMOVED TO FRESH AIR. ANY SKIN, EYE, OR MUCOUS MEMBRANE CONTACT CAN CAUSE BURNS AND SHOULD BE FOLLOWED BY FLUSHING WITH LARGE QUANTITIES OF WATER. WASH EYES FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN IMMEDIATELY.

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

Extinguishing Media:SAND, DRY CHEMICAL, FOAM, METAL-X  
Fire Fighting Procedures:REMOVE OTHER BATTERIES AND POTENTIAL COMBUSTIBLE MATERIALS FROM AREA OF BURNING BATTERY AND CON

TAIN AND

EXTINGUISH WITH AGENTS LISTED ABOVE.

Unusual Fire/Explosion Hazard:HEATING CELL ABOVE 212F OR SHORT CIRCUITING CELL CAN LEAD TO VENTING AND RELEASE OF THIONYL CHLORIDE. HEATING ABOVE 354F WILL LEAD TO MELTING OF LITHIUM AND REPRESENTS A SEVERE FIRE AND EXPLOSION HAZARD.

===== Accidental Release Measures =====

Spill Release Procedures:IF CELL VENTS OR IS PUNCTURED, VENTILATE AREA WELL. COVER ANY LIQUID RESIDUE WITH SODIUM BICARBONATE. SCOP  
RESULTING RESIDUE INTO PLASTIC BAG OR FIBER DRUM. THE REMAINS CAN THEN BE FLUSHED WITH LARGE AMOUNTS OF WATER. WEAR EYE AND HAND PROTECTION WHEN CLEANING SPILLS.

Neutralizing Agent:SODIUM BICARBONATE

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

Handling and Storage Precautions:DO NOT PUNCTURE, INCINERATE, SHORT CIRCUIT OR EXPOSE TO TEMPERATURES ABOVE 212F. STORE IN ORIGINAL CONTAINERS.

Other Precautions:NEVER STORE IN LOOSE BINS. 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:NOT PROVIDED  
Ventilation:NOT PROVIDED  
Protective Gloves:NOT PROVIDED  
Eye Protection:SHOULD BE WORN WHEN HANDLING BATTERIES.  
Other Protective Equipment:NOT PROVIDED  
Work Hygienic Practices:NOT PROVIDED  
Supplemental Safety and Health

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

HCC:Z6

===== 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 212F.  
Hazardous Decomposition Products:THIONYL CHLORIDE ELECTROLYTE  
DECOMPOSES TO HCL AND SO2 IN PRESENCE OF WATER.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological Information =====

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Ecological:NOT PROVIDED

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

Waste Disposal Methods:DISCHARGED CELLS MAY CONTAIN SIGNIFICANT AMOUNTS OF ENERGY AND SHOULD BE HANDLED WITH CARE. THEY SHOULD BE ELECTRONICALLY ISOLATED AND PACKED FOR DISPOSAL. DO NOT COMPACT. DISPOSE OF IN SANITARY LANDFILLS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:NOT REGULATED

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED  
Federal Regulatory Information:NOT PROVIDED  
State Regulatory Information:NOT PROVIDED

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