

BREN-TRONICS INC -- ALKALINE BATTERY/CELL, P/N BT70171L -- 6135-00-801-0586

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Product Identification  
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Product ID:ALKALINE BATTERY/CELL, P/N BT70171L

MSDS Date:03/01/1991

FSC:6135

NIIN:00-801-0586

Status Code:A

MSDS Number: CKSDW

=== Responsible Party ===

Company Name:BREN-TRONICS INC

Address:10 BRAYTON CT

City:COMMACK

State:NY

ZIP:11725-3104

Country:US

Info Phone Num:631-499-5155

Emergen

cy Phone Num:531-499-5155

CAGE:51828

=== Contractor Identification ===

Company Name:BREN-TRONICS INC

Address:10 BRAYTON CT

Box:City:COMMACK

State:NY

ZIP:11725-3104

Country:US

Phone:631-499-5155

CAGE:51828

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM HYDROXIDE

CAS:1310-58-3

RTECS #:TT2100000

Minumum % Wt:5.

Maxumum % Wt:9.

ACGIH STEL:C2 MG/M3

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Min

umum % Wt:32.  
Maxumum % Wt:38.  
OSHA PEL:C5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:ZINC  
CAS:7440-66-6  
RTECS #:ZG8600000  
Minumum % Wt:11.  
Maxumum % Wt:16.  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:MERCURY  
CAS:7439-97-6  
RTECS #:OV4550000  
Fraction by Wt: 0.025%  
OSHA PEL:SEE TABLE Z-2  
ACGIH TLV:0.025 MG/M3  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

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

Reports of Carcinoge

nicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:THESE CHEMICALS ARE CONTAINED IN A  
SEALED CAN. RISK OF EXPOSURE OCCURS ONLY IF THE BATTERY IS  
MECHANICALLY OR ELECTRICALLY ABUSED. MOST LIKELY, RISK IS WHEN A  
CELL LEAKS. KOH IS CAUSTIC AND SKIN CONTACT CAN CAUSE IRRITATION  
OR BURNS. EYE CONTACT WITH KOH MAY CAUSE PERMANENT INJURY.

Effects of Overexposure:SKIN AND EYE CONTACT WITH KOH MAY CAUSE BURNS.

Medical Cond Aggravated by Exposure:AN ACUTE EXPOSURE WILL NOT

GENERALLY AGGRAVATE ANY MEDICAL CONDITION.

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

First Aid:IF LEAKAGE FROM CELL CONTACTS: SKIN-FLUSH WITH WATER AND WASH  
WITH SOAP AND WATER. EYES- FLUSH WITH COPIOUS AMOUNTS OF WATER FOR  
15 MINUTES THEN SEE PHYSICAIN AT ONCE.

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE SELF-CONTAINED  
BREATHING APPARATUS WHEN A LARGE NUMBER OF CELLS ARE IN

VOLVED.

Unusual Fire/Explosion Hazard:CELLS MAY RUPTURE WHEN HEATED EXCESSIVELY; MAY RELEASE TOXIC MERCURY AND CORROSIVE MATERIALS WHEN INTEGRITY OF CELL CAN IS BROKEN.

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

Spill Release Procedures:AVOID SKIN AND EYE CONTACT. NO NOT INHALE VAPORS. COLLECT ALL RELEASED MATERIAL IN PLASTIC BAG FOR WASTE DISPOSAL.

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

Handling and Storage Precautions:  
STORE IN DRY PLACE. DO NOT RECHARGE.  
DO NOT SHORT CIRCUIT.

Other Precautions:USE BATTERY ONLY IN PROPER EQUIPMENT, OBSERVE CORRECT POLARITY WHEN INSTALLING INTO EQUIPMENT. DO NOT ATTEMPT TO RECHARGE.

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

Respiratory Protection:AS IN ANY FIRE SITUATION USE SELF-CONTAINED BREATHING APPARATUS (SCBA).

Protective Gloves:WHEN HANDLING LEAKING BATTERIES.

Other Protective Equipment:N//A

Supplemental Safety and Health

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

HCC:Z7

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:DO NOT HEAT, DISASSEMBLE OR RECHARGE. DO NOT SHORT CIRCUIT.

Hazardous Decomposition Products:WHEN HEATED, CELLS MAY EMIT HAZARDOUS VAPORS OF CAUSTIC KOH.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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ste Disposal Methods:IN SMALL QUANTITIES, BATTERIES MAY BE DISPOSED OF WITH HOUSEHOLD TRASH. DO NOT INCINERATE. DISPOSE OF LARGE QUANTITIES IN ACCORDANCE WITH LOCAL REGULATIONS.

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