

BREN-TRONICS INC -- ALKALINE BATTERY/CELL BA-226 -- 6135-00-100-0463

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Product Identification
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Product ID:ALKALINE BATTERY/CELL BA-226

MSDS Date:03/01/1991

FSC:6135

NIIN:00-100-0463

MSDS Number: BTSCP

=== Responsible Party ===

Company Name:BREN-TRONICS INC

Address:10 BRAYTON CT

City:COMMACK

State:NY

ZIP:11725-3104

Country:US

Info Phone Num:516-499-5155

Emergency Phone Num:516-499-5155

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 (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 5-9%

Other REC Limits:NONE SPECIFIED

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE DIOXIDE

CAS

:1313-13-9
RTECS #:OP0350000
Fraction by Wt: 32-38%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 CEILING
ACGIH TLV:5 MG/M3 (AS MN DUST)

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 11-16%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:
NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:THESE BATTERIES ARE MANUFACTURED
"ARTICLES", WHICH DO NOT RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL
UNDER NORMAL CONDITIONS OF USE, AS DEFINED IN OSHA HCS
1910.1200(C). OVEREXPOSURE CAN OCCUR FROM A RUPTURED BATTERY,
ALKALI CAN CAUSE BURNS TO SKIN AND EYES.
Effects of Overexposure:SKIN AND EYE CONTACT WITH KOH MAY CAUSE BURNS.
Medical Cond Aggravated by Exposure:NONE KNOWN

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===== First Aid Measures =
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First Aid: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 PHYSICIAN AT ONCE.

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===== Fire Fighting Measures =====
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Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE SELF-CONTAINED
BREATHING APPARATUS WHEN A LARGE NUMBER OF CELLS ARE INVOLVED.
Unusual Fire/Explosion Hazard:CELLS MAY RUPTURE WHEN HEATED
EXCESSIVELY; MAY RELEASE CO

ROSIVE MATERIALS WHEN INTEGRITY OF CELL
CAN IS BROKEN.

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

Spill Release Procedures:AVOID SKIN AND EYE CONTACT. COLLECT ALL
RELEASED MATERIAL IN PLASTIC BAG FOR WASTE DISPOSAL OR REUSE.

===== 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:NONE NORMALLY REQUIRED.
Protective Gloves:USE WHEN HANDLING LEAKING BATTERIES
Supplemental Safety and Health

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

HCC:N1
Appearance and Odor:RECTANGULAR WITH ROUNDED CORNERS

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

Stability Indicator/M
aterials 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 ALKALI.

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

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

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