

BREN-TRONICS INC -- P/N 9296723, ALKALINE BATTERY/CELL -- 6135-01-110-3516

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Product Identification
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Product ID:P/N 9296723, ALKALINE BATTERY/CELL

MSDS Date:03/01/1991

FSC:6135

NIIN:01-110-3516

MSDS Number: BXTJD

=== 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 (CERCLA)

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; 9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE DIOX

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

Ingred Name:ZINC (SARA 313) (CERCLA)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 11-16%
Other REC Limits:NONE SPECIFIED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MERCURY (SARA 313) (CERCLA)
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 0.025%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 0.1 MG/M3; Z-2
ACGIH TLV:S,0.025 MG/M3; A4;95
EPA R
pt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity: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 BATTERY IS MECHANICALLY
OR ELECTRICALLY ABUSED. MOST LIKELY, RISK IS WHEN A CELL LEAKS. KOH
IS CAUSTIC & SKIN C
ONTACT CAN CAUSE IRRITATION OR BURNS. EYE
CONTACTW/KOH MAY CAUSE PERMANENT INJURY.
Explanation of Carcinogenicity:MFR GAVE THE ABOVE LISTINGS ON THE MSDS
BUT NO OTHER COMMENTS WERE RECORDED.
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.

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

First Aid:IF LEAKAGE FROM CELL CONTACTS- SKIN:FL

WASH WITH WATER AND WASH

W/ SOAP & WATER. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MIN
THEN SEE PHYSICIAN AT ONCE.

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

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 CORROSIVE MATERIALS WHEN INTEGRITY OF CELL
CAN IS BROKEN.

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

Spill Release Procedures: AVOID SKIN AND EYE CONTACT. DO NOT INHALE
VAPORS. COLLECT ALL RELEASED MATERIAL IN PLASTIC BAG FOR WASTE
DISPOSAL.

Neutralizing Agent: MFR GAVE NO INFORMATION ON MSDS.

===== 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: IN ANY FIRE SITUATION, USE SELF-CONTAINED
BREATHING APPARATUS (SCBA).

Protective Gloves: WHEN HANDLING LEAKING BATTERIES

Supplemental Safety and Health
NONE

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

HCC: N1

NRC/State Lic Num: NONE

Appearance and Odor: MSDS SHOWED THE PHYSICAL PROPERTIES OF EACH LISTED
INGR

EDIENT.

===== 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.

===== 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 REGULATIONS.

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