

BATTERY ASSEMBLERS INC -- ALKALINE MANAGANESE DIOXIDE CELLS & BATTERI --
6135-00-801-0586

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

Product ID:ALKALINE MANAGANESE DIOXIDE CELLS & BATTERI

MSDS Date:07/10/1992

FSC:6135

NIIN:00-801-0586

MSDS Number: BNNFX

=== Responsible Party ===

Company Name:BATTERY ASSEMBLERS INC

Address:211-4 KNICKERBOCKER AVE

City:BOHEMIA

State:NY

ZIP:11716

Country:US

Info Phone Num:5

16-567-8855

Emergency Phone Num:516-567-8855

CAGE:0B0Y5

=== Contractor Identification ===

Company Name:BATTERY ASSEMBLERS INC

Address:211-4 KNICKERBOCKER AVE

Box:City:BOHEMIA

State:NY

ZIP:11716

Country:US

Phone:407-323-3390/EM:516-567-8855/8278

CAGE:0B0Y5

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===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 8%

Other REC Limits:NONE SPECIFIED

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9192

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PA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE DIOXIDE
CAS:1313-13-9
RTECS #:OP0350000
Fraction by Wt: 37%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG MN/M3 CEILING
ACGIH TLV:5 MG MN/M3

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 15%
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

Ingred Name:MERCURY (SARA III)
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 0.025%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, C, 0.1 MG/M3
ACGIH TLV:S, 0.05 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
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 THE BATTERY IS
MECHANICALLY OR ELECTRICALLY ABUSED. THE MOST LIKELY RISK IS ACUTE

EXPOSURE WHEN A CELL LEAKS. POTASSIUM HYDROXIDE (KOH) IS CAUSTIC
AND SKIN CONTACT CAN CAUSE BURNS. EYE CONTACT WITH KOH MAY CAUSE
PERMANENT INJURY.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:SKIN AND EYE CONTACT WITH KOH MAY CAUSE
CHEMICAL BURNS. AT ELEVATED TEMPERATURE, MERCURY VAPOR MAY BE
GENERATED WHICH SHOULD NOT BE INHALED.
Medical Cond Aggravated by Exposure:AN ACUTE EXPOSURE WILL NOT
GENERALLY AGGRAVATE ANY MEDICAL CON

S =====

HCC:N1

Appearance and Odor:BATTERY, RECTANGULAR, 2 TERMINALS, FLAT SURFACE.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

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

Hazardous Decomposition Products:WHEN HEATED, CELLS MAY EMIT HAZARDOUS VAPORS OF POTASSIUM HYDROXIDE AND MERCURY.

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

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aste Disposal Methods:IN SMALL QUANTITIES, CELLS MAY BE DISPOSED OF WITH HOUSEHOLD TRASH. OPEN CELLS IN LARGE QUANTITIES SHOULD BE TREATED AS A HAZARDOUS WASTE. DO NOT INCINERATE SINCE CELLS MAY EXPLODE AT EXCESSIVE TEMPER ATURES. DISPOSE I/A/W APPLICABLE REGULATIONS.

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