

BREN-TRONICS INC -- ZINC CARBON BATTERY (BA36) -- 6135-00-120-1015

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Product Identification  
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Product ID:ZINC CARBON BATTERY (BA36)

MSDS Date:03/15/1991

FSC:6135

NIIN:00-120-1015

MSDS Number: BQCNL

=== 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 / FAX 516-499-5504

Emergency Phone Num:5

16-499-5155

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:ZINC (SARA III)

CAS:7440-66-6

RTECS #:ZG8600000

Fraction by Wt: 29%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG ZNO/M3

ACGIH TLV:10 MG ZNO/M3; 9293

EPA 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 RECOMMENDED  
OSHA PEL:5 MG/M3 CEILING  
ACGIH TLV:5 MG/M3 (AS MN DUST)

Ingred Name:ZINC CHLORIDE (SARA III)  
CAS:7646-85-7  
RTECS #:ZH1400000  
Fraction by Wt: 9%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3/2 STEL  
ACGIH TLV:1 MG/M3/2STEL FUME93  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of C  
arcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: IF ZINC FUMES FROM  
MELTING/HEATED BATTERY INHALED, MAY CAUSE "METAL FUME FEVER".  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHALED: FEVER, SHAKING CHILLS.  
Medical Cond Aggravated by Exposure:NONE

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

First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. EYES: FLUSH WITH  
WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND  
WATER.  
INGESTED: CONTACT POISON CONTROL CENTER OR DOCTOR IMMEDIATELY.

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

Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:CELLS MAY RUPTURE WHEN EXPOSED TO  
EXCESSIVE HEAT.

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

Spill Release Procedures:SHOVEL OR SCOOP INTO CON

TAINER FOR DISPOSAL.

AVOID SKIN AND EYE CONTACT. DO NOT INHALE VAPORS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE UNPACKED CELLS TOGETHER  
SO CONTACTS CAN TOUCH. STORE IN A COOL, DRY PLACE TO PREVENT  
CONDENSATION. DO NOT INHALE VAPORS.

Other Precautions:DO NOT MIX BATTERY TYPES SUCH AS ZINC CARBON AND  
ALKALINE IN SAME EQUIPMENT OR TRASH. DO NOT ATTEMPT TO REC  
HARGE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF FIRE CONDITIONS  
OCCUR, FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING  
APPARATUS. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:NONE NORMALLY REQUIRED. USE ADEQUATE MECHANICAL  
VENTILATION.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH HA  
NDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING.

Supplemental Safety and Health

MSDS NOT REQUIRED BY 29 CFR 1900.1200. MSDS PROVIDED FOR TECH SUPPORT  
REQUEST.

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

HCC:N1

Appearance and Odor:GREY

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

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:EXCESSIVE HEAT, ELECTRICAL SHORT CIRCUIT,  
DISA

ASSEMBLY, RECHARGE

Hazardous Decomposition Products:ZINC FUMES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. DO NOT INCINERATE.

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