

BREN-TRONICS INC -- P/N BT70229 NICKEL CAMIUM BATTERY -- 6140-00-520-2683

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Product Identification
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Product ID:P/N BT70229 NICKEL CAMIUM BATTERY

MSDS Date:03/15/1991

FSC:6140

NIIN:00-520-2683

MSDS Number: CCCBJ

=== 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:516-4

99-5155

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:NICKEL (SARA 313) (CERCLA)

CAS:7440-02-0

RTECS #:QR5950000

Fraction by Wt: 13-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9596

Ingred Name:NICKEL HYDROXIDE (SARA 313) (CERCLA)

CAS:12054-48-7

RTECS #:

QR7040000

Fraction by Wt: 13-29%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG(NI)/M3

ACGIH TLV:0.1 MG(NI)/M3; 9596

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM (SARA 313) (CERCLA)

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: 11-26%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG/M3 DUST; Z-2

ACGIH TLV:0.01 MG/M3 DUST;9596

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE

CAS:21041-95-2

Fraction by Wt: 11-26%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.05

MG CD/M3

ACGIH TLV:0.05 MG CD/M3

Ingred Name:COBALT (SARA 313)

CAS:7440-48-4

RTECS #:GF8750000

Fraction by Wt: 1-2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.02 MG/M3; A3; 9596

Ingred Name:COBALT HYDROXIDE

CAS:1307-86-4

RTECS #:GG0904000

Fraction by Wt: 1-2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.05 MG/M3(COBALT)

ACGIH TLV:0.1 MG/M3

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 2-4%

Other REC Limits:NONE RECOMMENDED

OSHA

PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
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. POTASSIUM HYDROXID
E IS CAUSTIC AND SKIN CONTACT CAN
CAUSE IRRITATION OR BURNS. EYE CONTACT WITH POTASSIUM HYDROXIDE MAY
CAUSE PERMANENT INJURY.
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:SKIN-IRRITATION, BURNS. EYES- IRRITATION,
BURNS, PERMANENT INJURY.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

Fir
st Aid:IF CELL LEAKAGE OCCURS: SKIN-FLUSH WITH WATER. THEN WASH WITH
SOAP & WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
EYES-IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER. SEE PHYSICIAN
IF IRRITATION PERSISTS.

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

Extinguishing Media:N/A. DLA-HMIS: USE MEDIA APPROPRIATE FOR
SURROUNDING FIRE.
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS AND FULL FIRE FIGHTER'S PRO
TECTIVE GEAR.
Unusual Fire/Explosion Hazard:MAY BURST WHEN SUBJECT TO EXTREME HEAT.
CADMIUM FUMES MAY BE RELEASED WHEN BURNING.

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

Spill Release Procedures:AVOID SKIN AND EYE CONTACT. COLLECT ALL
RELEASED MATERIAL IN A PLASTIC BAG FOR WASTE DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT SHORT CIRCUIT

. STORE IN A COOL,
DRY PLACE. USE PROPER BATTERY CHARGER.
Other Precautions:AVOID INCINERATION OR MUTILATION. USE BATTERY IN
PROPER EQUIPMENT. OBSERVE CORRECT POLARITY.

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

Respiratory Protection:AS IN ANY FIRE SITUATION, USE SELF-CONTAINED
BREATHING APPARATUS.
Ventilation:NOT APPLICABLE.
Protective Gloves:LEAKER-PVC, RUBBER.
Eye Protection:LEAKER-SAFETY GLASSES W/SIDE SHIELDS.
Other Protective Equipment:DLA-HMIS: EYE
WASH STATION & SAFETY SHOWER
AVAILABLE IN THE EVENT OF LEAKERS.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

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

HCC:N1
Appearance and Odor:1.5 VOLT NICAD BATTERY; 7 AMP-HR CAPACITY, 1
TERMINAL, 1.3" DIAMETER, 3.6" HIGH

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

Stability I
ndicator/Materials to Avoid:YES
NOT APPLICABLE.
Stability Condition to Avoid:DO NOT HEAT OR DISASSEMBLE. DO NOT SHORT
CIRCUIT.
Hazardous Decomposition Products:DO NOT INCINERATE OR MUTILATE; MAY
BURST OR RELEASE TOXIC MATERIALS.
Conditions to Avoid Polymerization:WILL NOT OCCUR. NOT APPLICABLE.

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

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

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QUANTITIES ARE USUALLY ALLOWED IN HOUSEHOLD TRASH.

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