

BREN-TRONICS,INC. -- BATTERY,MERCURY BA1093/U -- 6135-00-808-5093

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Product Identification
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Product ID:BATTERY,MERCURY BA1093/U

MSDS Date:02/15/1985

FSC:6135

NIIN:00-808-5093

MSDS Number: BPRKF

=== Responsible Party ===

Company Name:BREN-TRONICS,INC.

Address:10 BRAYTON COURT

City:COMMACK

State:NY

ZIP:11725

Country:US

Info Phone Num:516-499-5155

Emergency Phone Num:516-499-5155

CAGE:LO427

=== 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

Company Name:BREN-TRONICS,INC.

Address:10 BRAYTON COURT

Box:City:COMMACK

State:NY

ZIP:11725

Country:US

Phone:516-499-5155

CAGE:LO427

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM HYDROXIDE (SARA III).7.98 G;BP 2408F;VP 1 MMHG @
719C;SPEC GRAV 2.04 (WATER=1);SOL IN WATER;% VOLATIL

E 43.8.
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 9.7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 CEILING
ACGIH TLV:2 MG/M3 CEILING
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MERCURIC OXIDE (SARA III).35.52 G;SPEC GRAVITY 3.97
(WATER=1);SOL IN WATER NEGLIGIBLE.OSHA PEL IS CEILING VALUE.

CAS:21908-53-2
RTECS #:OW8750000
Fraction by Wt: 43.2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG(HG)/M3 SKIN
ACGIH TLV:0.1 MG(HG)/M3 SKIN

Ingred Name:MERCURY (SARA III).0.96 G;
BP 674F;VP 1 MMHG @ 186C;SPEC
GRAV 13.6 (WATER=1);SOL IN WATER NEGLIGIB.OSHA PEL CEILING VALUE

CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 5.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG(HG)/M3 SKIN
ACGIH TLV:0.05 MG/M3 SKIN
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NOT KNOWN
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF
OVEREXPOSURE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES:POTASSIUM HYDROXIDE IS CAUSTIC CAUSING
DAMAGE TO EYE.SKIN:POTASSIUM HYDROXIDE IS CAUSTIC CAUSING DAMAGE TO
SKIN.
Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MINUTES AND SEE PHYSICIAN.SKIN:WASH WITH WATER IMMEDIATELY.

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Fire Fighting Measures
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Lower Limits:NOT KNOWN

Upper Limits:NOT KNOWN

Extinguishing Media:NOT KNOWN

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)
AND FULL TURNOUT GEAR WHEN BATTERIES ARE IN FIRE.

Unusual Fire/Explosion Hazard:CAN EXPLODE WHEN SUBJECTED TO EXCESSIVE
HEAT.

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Accidental Release Measures
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Spill Release Procedures:NOT KNOWN

Neutralizing Agent:NOT KNOWN

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Handling and Storage
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Handling and Storage Precautions:STORE AT ROOM TEMPERATURE.

Other Precautions:DO NOT BURN,CAN EXPLODE WHEN SUBJECTED TO EXCESSIVE
HEAT.

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Exposure Controls/Personal Protection
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Respiratory Protection:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE
TO DETERMINE IF RESPIRATORY PROTECTION IS REQUIRED .

Ventilation:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE
IF LOCAL EXHAUST VENTILATION IS NEEDED .

Protective Gloves:NEOPRENE,RUBBER,LATEX-NITRILE GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES .

Other Protective Equipment:NOT KNOWN

Work Hygienic Practices:AVOID SKIN AND EYE CONTACT.

Supplemental Safety and Health

DIMENSIONS OF BATTERIES:GROSS WEIGHT (OZ):2.9;OUTSIDE PACKAGE
DIMENSIONS (INCHES):3.9(H) X 0.656(D).

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:NOT KNOWN

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Vapor P

res:NOT KNOWN
Vapor Density:NOT KNOWN
Spec Gravity:NOT KNOWN
Evaporation Rate & Reference:NOT KNOWN
Solubility in Water:NOT KNOWN
Appearance and Odor:POTASSIUM HYDROXIDE:CLEAR
LIQUID.MERCURY:SILVER.MERCURY OXIDE:ORANGE-RED POWDER

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

Stability Indicator/Materials to Avoid:YES
NOT KNOWN
Stability Condition to Avoid:FOR MERCURIC OXIDE:LIGHT AND TEMPERATURES
ABOVE 500F.
Hazardous Decomposition Products:MERCURIC OXIDE ON E
XPOSURE TO LIGHT OR
500F DECOMPOSES TO OXYGEN AND MERCURY.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH
FEDERAL,STATE,AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING
INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL
.MAY BE RETURNED FOR RECLAMATI ON.

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