

MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU -- LITHIUM BATTERY BR-E3 --
6135-01-271-7151

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Product Identification
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Product ID:LITHIUM BATTERY BR-E3

MSDS Date:02/06/1995

FSC:6135

NIIN:01-271-7151

MSDS Number: BWMJL

=== Responsible Party ===

Company Name:MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU

Address:ONE PANASONIC WAY

Box:1502

City:SECAUCUS

State:NJ

ZIP:07094-2917

Countr

y:US

Info Phone Num:201-348-7000

Emergency Phone Num:201-348-7000

CAGE:61058

=== Contractor Identification ===

Company Name:MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU

Address:ONE PANASONIC WAY

Box:1502

City:SECAUCUS

State:NJ

ZIP:07094-2917

Country:US

Phone:201-348-7000/201-392-6842

CAGE:61058

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Composition/Information on Ingredients
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Ingred Name:LITHIUM METAL < 0.5 GRAMS/CELL.

CAS:7439-93-2

RTECS #:OJ5540000

Other REC Limits:NONE SPECIFIED

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==== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: PER MFR THESE BATTERIES ARE MANUFACTURED ARTICLES. UNDER NORMAL CIRCUMSTANCES BATTERY IS NOT A HEALTH HAZARD. IF BROKEN OPEN, CONTENTS COULD BURN SKIN OR EYES ON CONTACT. VAPORS MAY IRRITATE RE SPIRATORY TRACT. CONTENTS MAY BE HARMFUL IF SWALLOWED. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:IF CONTENTS SPILLED: INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH. EYES: REDNESS, BURNING SENSATION, TEARING. SKIN: REDNESS, BURNING SENSATION. INGESTION: NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

Fir

st Aid:INHALATION: REMOVE PERSON TO FRESH AIR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: FLUSH WITH WATER THEN WASH WITH SOAP AND WATER. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:LITHIUM-X OR DRY CHEMICAL OR DRY SAND

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:TOXIC FUMES OR VAPORS MAY BE PRODUCED IF INVOLVED IN A FIRE.

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

Spill Release Procedures:SCOOP UP BATTERIES AND PLACE IN A CONTAINER. IF BATTERIES ARE RUPTURED OR BROKEN; CONTAIN SPILL. WEAR GLOVES. PLACE RESIDUE IN APPROPRIATE CONTAINER FOR LATER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. PREVENT CONDENSATION ON BATTERIES. DO NOT STORE ABOVE 212F.

Other Precautions:DO NOT SOLDER BATTERY TO CASE. DO NOT RECHARGE BATTERIES. AVOID SHORT CIRCUITING.

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

Respiratory Protection:NONE NORMALLY REQUIRED.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:NONE NORMALLY REQUIRED.
Eye Protection:NONE NORMALLY REQUIRED.
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING.

Supplemental
Safety and Health

THESE BATTERIES ARE MANUFACTURED "ARTICLES", WHICH DO NOT RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL CONDITIONS OF USE, AS DEFINED IN OSHA HCS 1910.1200(C). WHEN HANDLING RUPTURED BATTERY DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS.

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

HCC:N1
Solubility in Water:REACTS WITH WATER
Appearance and Odor:BATTERY 6.0 VOLT, WITH 2 CELLS AND SOLID CATHODE,
LESS THAN 0
.5 GM LITHIUM/CELL

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:OVERCHARGING OR SHORT CIRCUITING,
RECHARGING,. DO NOT ENCAPSULATE OR "POT". DO NOT INCINERATE OR USE
ABOVE 212F.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

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

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