

MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU -- LITHIUM BATTERY BR 2325 --
6135-01-186-4010

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

Product ID:LITHIUM BATTERY BR 2325

MSDS Date:01/26/1986

FSC:6135

NIIN:01-186-4010

MSDS Number: BXTJL

=== Responsible Party ===

Company Name:MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU

Address:ONE PANASONIC WAY

Box:1502

City:SECAUCUS

State:NJ

ZIP:07094-2917

Co

untry:US

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

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

CAGE:61058

=== Contractor Identification ===

Company Name:MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU

Address:ONE PANASONIC WAY

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

Ingred Name:LITHIUM METAL (WEIGHT OF LITHIUM PER CELL: 0.05 G)

CAS:7439-93-2

RTECS #:OJ5540000

Fr

action by Wt: 1.7%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT RELEVANT.

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

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

Health Hazards Acute and Chronic:RISK OF EXPOSURE OCCURS ONLY IF CELL IS MECHANICALLY, PHYSICALLY/ELECTRICALLY ABUSED. TARGET ORGANS:EYES, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE EYES AND SKIN IRRITATION.

LITHIUM CAN CAUSE THERMAL AND CHEMICAL BURNS UPON CONTACT WITH THE SKIN. MAY BE HARMFUL IF INGESTED OR INHALED. CHRONIC- NOT KNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:RISK OF EXPOSURE OCCURS ONLY IF CELL IS MECHANICALLY, PHYSICALLY OR ELECTRICALLY ABUSED. IF CELL IS LEAKING: EYES, SKIN AND RESPIRATORY TRACT IRRITATION, THERMAL AND CHEMICAL BURNS

Medical Cond Aggravated by Exposure:NONE

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

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First Aid:EMPLOYEE BREATHING VAPORS FROM VENTING CELL SHOULD BE REMOVED TO FRESH AIR. ANY SKIN, EYE OR MUCOUS MEMBRANE CONTACT WITH ELECTROLYTE SHOULD BE FOLLOWED BY FLUSHING WITH LARGE AMOUNT OF WATER. IN CASE OF EYE CONTACT, CONSULT PHYSICIAN. INGESTION IS UNLIKELY. HOWEVER, CALL PHYSICIAN, IF OCCURED.

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

Flash Point:NOT RELEVANT

Extinguishing Media:DRY CHEMICAL OR DRY SAND

Fire Fighting Procedures:WEAR

PROTECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:TOXIC FUMES MAY BE FORMED.

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

Spill Release Procedures:IF CELL VENTS OR IS PUNCTURED, VENTILATE AREA WELL. WEAR EYE AND SKIN PROTECTION. RESPIRATORY PROTECTION MAY BE NECESSARY IN CONFINED SPACES. ABSORB LIQUID WITH SUITABLE MATERIAL SUCH AS SAND OR CLAY. TRANSFER TO

CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. AVOID MECHANICAL, PHYSICAL OR ELECTRICAL ABUSE. DO NOT SHORT OR INSTALL WITH INCORRECT POLARITY.

Other Precautions:DO NOT INCINERATE. DO NOT TOUCH BROKEN OR LEAKING BATTERIES. DO NOT ATTEMPT TO RECHARGE. DO NOT CARRY BATTERIES LOOSE IN POCKET OR BAG. KEEP BATTERIES AWAY FROM SMALL CHILDREN.

BATTERIES MAY EXPLODE/VENT IF DISASSEMBLED, CRUSHED/IN FIRE.

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

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WHEN CELLS ARE INVOLVED IN A FIRE OR LEAKING IN CONFINED SPACES. FOR SPILL, USE FULL-FACE RESPIRATOR WITH PARTICULATE/ORGANIC CARTRIDGE.

Ventilation:ADEQUATE

Protective Gloves:BUTYL IF HANDLING LEAKERS

Eye Protection:SAFETY GLASSES WHEN HANDLING LEAKERS

Other Protective Equip

ment:EYE WASH STATION, QUICK DRENCH SHOWER

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:F8

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:356F,180C

Spec Gravity:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:COIN TYPE BATTERY

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= Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: HEAT, RECHARGING, SHORT CIRCUITS,
DISASSEMBLING

Hazardous Decomposition Products: TOXIC FUMES MAY BE FORMED.

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

Waste Disposal Methods: DISCHARGED CELLS MAY CONTAIN SIGNIFICANT AMOUNT
OF ENERGY AND SHOULD BE HANDLED WITH CARE. THEY SHOULD BE
ELECTRICALLY ISOLATED AND PACKED FOR DISPOSAL. DO NOT CO
MPACT.

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.

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