

YARDNEY TECHNICAL PRODUCTS, INC. -- Y55-10 WET OR DRY SILVER-ZINC BATTERY --
6135-01-045-1504

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

Product ID:Y55-10 WET OR DRY SILVER-ZINC BATTERY

MSDS Date:07/28/1992

FSC:6135

NIIN:01-045-1504

MSDS Number: BQKRR

=== Responsible Party ===

Company Name:YARDNEY TECHNICAL PRODUCTS, INC.

Address:82 MECHANIC STREET

City:PAWTUCKET

State:CT

ZIP:06379

Country:US

Info Phone N

um:203-599-1100

Emergency Phone Num:800-255-3924

CAGE:87326

=== Contractor Identification ===

Company Name:YARDNEY TECHNICAL PRODUCTS INC

Address:82 MECHANIC ST

Box:City:PAWCATUCK

State:CT

ZIP:06379

Country:US

Phone:203-599-1100

CAGE:87326

Company Name:YARDNEY TECHNICAL PRODUCTS INC

Address:82 MECHANIC ST

Box:City:PAWCATUCK

State:CT

ZIP:06379

Country:US

Phone:(860)599-1100

CAGE:87362

Company Name:YARDNEYTECHNICAL PRODUCTS INC.

Address:82 MECHANIC ST

Box:City:PAWCATUCK

State:CT

ZIP:06379

Country:

US
Phone:203-599-1100
CAGE:0RKK3

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
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:SILVER (SARA III)
CAS:7440-22-4
RTECS #:VW3500000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MERCURIC OXIDE (SARA III)
CAS:21908-53-2
RTECS #:OW8750000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG HG/M3;SKIN;C
ACGIH TLV:0.1 MG HG/M3; 9293

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:

NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: CONTACT WITH ELECTROLYTE MAY CAUSE SKIN AND EYE BURNS ON CONTACT. METAL FUMES FORM BURNING BATTERIES MAY CAUSE RESPIRATORY DISTRESS. SILVER MAY CAUSE ARGYRIA IF INHALED OR INGESTED. MERCURY MAY CAUSE CNS EFFECTS. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALED: FEVER, CHILLS, COUGHING, SHORTNESS OF BREATH. EYES: BURNS, PAIN, REDNESS, BLURRED VISION. SKIN: BURNS,

PAIN, REDNESS, GRAY-BLUE PATCHES (ARGYRIA). MERCURY: LOSS OF MEMORY, TREMORS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: MOVE TO FRESH AIR. EYES: FLUSH WITH LOTS OF WATER. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. FLUSH WITH WATER. INGESTED: DO NOT INDUCE VOMITING. DILUTE WITH WATER, GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measure
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Extinguishing Media:DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS; AVOID BREATHING FUMES.

Unusual Fire/Explosion Hazard:INTENSE HEAT AND ACRID SMOKE FROM BURNING METAL AND PLASTIC COMPONENTS.

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

Spill Release Procedures:CONTAIN SPILLED ELECTROLYTE. VENTILATE AREA. NEUTRALIZE WITH BORIC ACID. DO NOT FLUSH TO SANITARY SEWER. COLLECT ALL SPILLAGE AND DEBRIS FOR PROPER DISPOSAL.

Neutralizing Agent:BORIC ACID SOLUTION.

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

Handling and Storage Precautions:AVOID SHORT CIRCUITING TERMINALS OF WET CELLS AND BATTERIES. AVOID EXPOSURE TO INTENSE HEAT OR FIRE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:LOCAL EXHAUST OR GENERAL MECHANICAL VENTILATION TO MAI

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EXPOSURE BELOW REGULATORY LIMITS.

Protective Gloves:RUBBER IF BATTERY BROKEN

Eye Protection:GOGGLES IF BATTERY BROKEN/SAFETY GLASSES

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH HANDS ATHOROUGHLY AFTER WORKING WITH SILVER-ZINC BATTERIES.

Supplemental Safety and Health

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

HCC:N1

Appearance and Odor:NO ODOR; NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES

ACIDS, SOLVENTS

Stability Condition to Avoid:SHORT CIRCUITING

Hazardous Decomposition Products:MERCURIC OXIDE FUMES, HYDROGEN GAS

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

Waste Disposal Methods:CELLS AND BATTERIES CONTAIN SILVER AND SHOULD BE RECYCLED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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