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MULTIPLIER INDUSTRIES CORP. -- MULTIPLIER RECHARGEABLE NICKEL CADMIUM CELLS AND BATTERIES -- 6140-01-331-0892

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

Product ID:MULTIPLIER RECHARGEABLE NICKEL CADMIUM CELLS AND BATTERIES

MSDS Date:06/04/1999

FSC:6140

NIIN:01-331-0892 Status Code:A

MSDS Number: CJLPQ === Responsible Party ===

Company Name: MULTIPLIER INDUSTRIES CORP.

Address:135 RADIO CIRCLE

Box:630 City:

MOUNT KISCO

State:NY ZIP:10549 Country:US

Info Phone Num:914-241-1103

Emergency Phone Num:914-241-1103

CAGE:57932

=== Contractor Identification ===

Company Name: MULTIPLIER INDUSTRIES CORP.

Address: 135 RADIO CIRCLE

Box:630

City:MOUNT KISCO

State:NY ZIP:10549 Country:US

Phone:914-241-1103

CAGE:57932

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

Ingred Name: CADMIUM OXIDE (SARA III) AND CADMIUM HYDROXIDE

CAS:1306-19-0

RTECS #:EV1925000 Minumum % Wt:8. Maxumum % Wt:15.

Other

REC Limits:NONE RECOMMENDED OSHA PEL:0.2 MG (CD)/M3 DUST ACGIH TLV:0.01 MG(CD)/M3; 9394

Ingred Name: NICKEL HYDROXIDE (SARA III)

CAS:12054-48-7 RTECS #:QR7040000 Minumum % Wt:3. Maxumum % Wt:5.

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG (NI)/M3

ACGIH TLV:0.1 MG(NI)/M3; 9394

EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

Ingred Name: POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000 Minumum % Wt:2. Maxumum % Wt:4.

Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 2 MG/M3 ACGIH TLV:C 2 MG/M

3; 9394

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:LITHIUM HYDROXIDE

CAS:1310-65-2 RTECS #:OJ6307070

< Wt:.4

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture: NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION OF CELL OR ITS CONTENTS MAY

BE HARMFUL.

Explanation of Carcinogeni

city:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS. Effects of Overexposure: MAY CAUSE BURNS TO MOUTH, ESOPHAGUS, GI TRACT. Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER. First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION. Flash Point: NONFLAMMABLE Lower Limits: NOT GIVEN Upper Limits:NOT GIVEN Extinguishing Media: IN CASE OF FIRE IN ADJACENT AREA, IT IS PERMISSIBLE TO USE ANY CLASS OF EXTINGUISHING MEDIUM ON THESE BATTERIES OR THEIR PACKING MATERIAL. Unusual Fire/E xplosion Hazard:BATTERIES NORMALLY EVOLVE HYDROGEN WHICH, WHEN COMBINED WITH OXYGEN FROM THE AIR, CAN PROVIDE A COMBUSTIBLE OR EXPLOSIVE MIXTURE UNLESS VENTED. SHORT CIRCUITS, HIGH TEMPERATURES OR STATIC SPARKS COULD THEN CAUSE AN EXPLOSION. Spill Release Procedures: ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

======= Ha ndling and Storage ==========

Handling and Storage Precautions: STORE BULK PACKAGED PRODUCT AWAY FROM COMBUSTIBLE MATERIALS UNLESS IN ORIGINAL PACKAGING. ACCIDENTAL BATTERY SHORT CIRCUIT CAN CAUSE VERY HIGH HEAT.

Other Precautions: DO NOT INCINERATE OR SUBJECT CELLS TO TEMPERATURES IN EXCESS OF 100C. DO NOT SEAL THESE BATTERIES IN AIRTIGHT OR WATERTIGHT CONTAINERS OR COMPARTMENTS. USE RECOMMENDED CHARGE RATE. HIGHER RATES CAN CAUSE INTERNAL GAS GENERATION.

===== Exposure Controls/Personal Protection ========
Supplemental Safety and Health STORE BULK PACKAGED PRODUCT AWAY FROM COMBUSTIBLE MATERIALS UNL ORIGINAL BACKAGING BECAUSE ACCIDENTAL BATTERY SHOUT CIRCUIT CAN CAUSE VERY HIGH HEAT.
========= Physical/Chemical Properties ==========
HCC:B1 Boiling Pt:B.P. Text:NOT GIVEN Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN Vapor Pres:NOT GIVEN Vapor Density:NOT GIVEN Spec Gravity:NOT GIVEN Evaporation Rate & amp; Ref erence:NOT GIVEN Solubility in Water:NEGLIGIBLE Appearance and Odor:SEALED CELL
========= Stability and Reactivity Data ==========
Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS Stability Condition to Avoid:HEAT, OPEN FLAME Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.
======== Disposal Considerations ===========
Waste Disposal Methods:DO NOT INCINERATE. USE LANDFILL.

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