

GP BATTERIES -- NICKEL-CADMIUM BATTERY -- 6140-01-176-5734

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Product Identification
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Product ID:NICKEL-CADMIUM BATTERY

MSDS Date:05/20/1986

FSC:6140

NIIN:01-176-5734

Status Code:A

MSDS Number: CJDWW

=== Responsible Party ===

Company Name:GP BATTERIES

Box:114

City:GAINSVILLE

State:FL

ZIP:32602

Country:US

Info Phone Num:904-462-3911

Emergency Phone Num:904-462-3911

CAGE:TO050

=== Contracto

r Identification ===

Company Name:GP BATTERIES

Box:114

City:GAINSVILLE

State:FL

ZIP:32602

Country:US

Phone:904-462-3911

CAGE:TO050

Company Name:MOTOROLA INC GOVERNMENT ELECTRONICS GROUP

Address:8201 E MCDOWELL RD

Box:1417

City:SCOTTSDALE

State:AZ

ZIP:85257

Country:US

Phone:602-441-5518/7677 FAX

CAGE:94990

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Composition/Information on Ingredients
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Ingred Name:NICKEL (NICKEL AND NICKEL HYDROXIDE)

CAS:7440-02-0

RTECS #:QR5950000

Minimum % Wt:20.

Maxumum % Wt:30.

Other R

EC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3

Ingred Name:CADMIUM (CADMIUM AND CADMIUM HYDROXIDE)

CAS:7440-43-9

RTECS #:EU9800000

Minumum % Wt:13.

Maxumum % Wt:15.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:see 1910.1027

ACGIH TLV:0.05 MG/M3

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:COBALT (COBALT AND COBALT HYDROXIDE)

CAS:7440-48-4

RTECS #:GF8750000

Minumum % Wt:1.

Maxumum % Wt:2.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.02 MG/M3

Ingred Name:PO

TASSIUM HYDROXIDE

CAS:1310-58-3

RTECS #:TT2100000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

Code:F

ACGIH STEL:C2 MG/M3

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE AND CHRONIC - EACH CELL IS A
SEALED CONTAINER. IF BROKEN, LEAKING OR IN FIRE: ELECTROLYTE IS
CAUSTI

C. CONTACT WITH SKIN OR EYES MAY CAUSE IRRITATION AND/OR BURNS. MAY BE HARMFUL IF INGESTED.

Explanation of Carcinogenicity:CONTAINS CADMIUM AND NICKEL.

Effects of Overexposure:IF LEAKING: IRRITATION, PAIN, BURNS, TEARING

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. EYES/SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. ORAL: IF BATTERY/OPEN BATTERY IS

INGESTED, DO NOT INDUCE VOMITING OR GIVE FOOD/DRINK. SEEK IMMEDIATE MEDICAL ATTENTION. CALL NATIONAL BATTERY INGESTION HOTLINE FOR ADVICE & FOLLOWUP (202-625-3333).

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Fire Fighting Measures
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Unusual Fire/Explosion Hazard:CADMIUM FUMES MAY BE RELEASED DURING BURNING.

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Accidental Release Measures
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Spill Release Procedures:FLUSH ELECTROLYTE SPILLS WITH WATER. PLACE IN A SUITABLE CONTAINER FOR DISP

OSAL.

Neutralizing Agent:ACETIC ACID

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, DRY PLACE.

Other Precautions:DO NOT SHORT CIRCUIT; MAY CAUSE BURNS. KEEP OUT OF REACH OF CHILDREN. DO NOT INCINERATE OR MUTILATE BATTERY.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT NEEDED.

Ventilation:ADEQUATE

Protective Gloves:RUBBER FOR LEAKERS

Eye Protection:SAFETY GLASSES OR GOGGLES FOR LEAKERS

Other Protective Equipment:EYE BATH, WASHING FACILITY, LAB COAT OR UNIFORM.

Work Hygienic Practices:GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health

PART NUMBER: 60-P08674T001

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Physical/Chemical Properties
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HCC:Z5

Appearance and Odor:BATTERY

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YE

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Hazardous Decomposition Products:TOXIC MATERIALS

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.

===== MSDS Transport Information =====

Transport Information:A NON-SPILLABLE WET ELECTRIC STORAGE BATTERY IS EXCEPTED FROM ALL OTHER REQUIREMENTS OF THIS SUBCHAPTER IF: 1. THE BATTERY IS PROTECTED AGAINST SHORT CIRCUIT; 2. FOR BATTERIES

MANUFACTURED AFTER SEPT EMBER 30,1995, THE BATTERY AND THE OUTER PACKAGING MUST BE PLAINLY AND DURABLY MARKED "NONSPILLABLE" OR :NONSPILLABLE BATTERY", AND 3. THE BATTERY MUST BE CAPABLE OF WITHSTANDING THE FOLLOWING TWO TESTS WITHOUT LEAKAGE OF BATTERY FLUID FROM THE BATTERY: (I) VIBRATION TEST; (II) PRESSURE DIFFERENTIAL TEST. SEE 49 CFR 173.159(D).

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