

GP BATTERIES (USA) -- 476A ALKALINE BATTERY -- 6135-01-268-2151

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

Product ID:476A ALKALINE BATTERY

MSDS Date:01/01/1987

FSC:6135

NIIN:01-268-2151

MSDS Number: BYRVH

=== Responsible Party ===

Company Name:GP BATTERIES (USA)

Address:11235 W. BERNARDO CT.

City:SAN DIEGO

State:CA

ZIP:92127

Country:US

Info Phone Num:619-674-5620/FSX 619-674-7237

Emergency Phone Num:619

-674-5620

CAGE:NO333

=== Contractor Identification ===

Company Name:GP BATTERIES (USA)

Address:11235 W. BERNARDO CT.

Box:City:SAN DIEGO

State:CA

ZIP:92127

Country:US

Phone:619-674-5620/F619-674-7237

CAGE:NO333

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

Ingred Name:MANGANESE DIOXIDE. 20.6%-22.5%

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: SEE ING

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingred Name:MERCURY (SARA 313) (CERC

LA), 0.21%-0.23%
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 0.1 MG/M3; Z-2
ACGIH TLV:S,0.025 MG/M3; A4;95
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ZINC (SARA 313) (CERCLA), 6.8%-7.5%
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM HYDROXIDE (CERCLA) AND POTASSIUM HYROXIDE MIXTURE,
30-35% SOLUTION, 7.5%-7.6%
Fraction by Wt: SE
E ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9495

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

Health Hazards Acute and Chronic:IN CASE OF ELECTROLYTE LEAKAGE SKIN
WILL BE ITCHY WHEN CONTAMINATED BY ELECTROLYTE.

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

First Aid:IN THE EVENT THAT ELECTROLYTE GETS ON SKIN, WASH IMMED
W/WATER. FOR EYE CONTACT, FLUSH W/COPIOUS AMTS OF WATER FOR 15MINS
& SEE PHYSICIA
N.

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

Unusual Fire/Explosion Hazard:WHEN EXPOSED TO EXCESS HEAT CELL MAY
BURST.

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

Spill Release Procedures:USE NEOPRENE,RUBB LATEX GLOVES WHEN HANDLING
LEAKING CELLS. IF LIQ FROM LEAKING CELL COMES IN CONTACT W/SKIN
WASH IMMED W/WATER. FOR EYE CONTACT FLUSH W/WATER FOR 15MINS & SEE
PHYSICIAN.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

==

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

Handling and Storage Precautions: BATTERY IS EXTREMELY SENSITIVE TO ADVERSE EFFECT OF HUMIDITY. BE SURE TO STORE IN PLACE WHICH DRY & SUBJ TO LITTLE TEMP CHANGE.

Other Precautions: DO NOT PLACE NEAR BOILER/RADIATOR/EXPO TO DIRECT SUNLIGHT. DO NOT CHARGE BATTERY. DO NOT SHOR-CIRCUIT BATTERY. DO NOT PUT IN BACKWARD POSITION. DO NOT DISSEMBLE BATTERY, HANDLING IN SUCH MANNER CAN CAUSE BATTERY TO EXPLO/LEAK/CAUSE INJURY.

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

Respiratory Protection: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health

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

HCC: N1

Appearance and Odor: CYLINDRIAL SHAPE, ODORLESS.

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

Stability Indicator/Materials to Avoid: NO
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous De
composition Products: NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: NOT APPLICABLE. DO NOT DISPOSE OF BATTERY IN FIRE.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.