

MARATHON BATTERY CO. -- POTASSIUM HYDROXIDE AQUEOUS SOLUTION -- 6140-00-881-6887

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Product Identification
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Product ID:POTASSIUM HYDROXIDE AQUEOUS SOLUTION

MSDS Date:01/01/1987

FSC:6140

NIIN:00-881-6887

MSDS Number: BFTRY

=== Responsible Party ===

Company Name:MARATHON BATTERY CO.

Address:8301 IMPERIAL DRIVE

Box:8233

City:WACO

State:TX

ZIP:76714-8233

Country:US

Info Phone Num:817-776-0650

Emergency Phone Num:817-776-0650

CAGE:DO446

=== Contractor Identification ===

Company Name:MARATHON BATTERY COMPANY

Address:8301 IMPERIAL DRIVE

Box:8233

City:WACO

State:TX

ZIP:76710

Phone:301-321-5200

CAGE:DO446

Company Name:MARATHON POWER TECHNOLOGIES CO

Address:8301 IMPERIAL DR

Box:City:WACO

State:TX

ZIP:76712-6588

Country:US

Phone:254-741-5405

CAGE:74025

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT

2100000
Fraction by Wt: 31.0%
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER; CAS #7732-18-5
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 69.0%

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Hazards Identification
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Effects of Overexposure:EYES:CORROSIVE,PAIN,BLRD
VIS;SKIN:CORROSIVE,CAUSES
BURNS;INGEST:CORR,VOMITG,DIARR;INHAL:IRRIT MUCOUS

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First Aid Measures
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First Aid:INHALE:R
EMOVE TO FRESH AIR, GIVE CPR/O*2 IF
NEED;EYES/SKIN:FLUSH W LG AMTS H*20 FOR 15 MIN;INGEST:RINSE MOUTH;
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER
SYMPTOMS OF OVEREXPOSURE.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS
WITH H*20.
Unusual Fire/Explosion Hazard:KOH WILL REACT WITH

NITROCARBONS,CHLOROCARBONS,ZINC,ALUMINUM,AND TIN.

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Accidental Release Measures
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Spill Release Procedures:ELIM IGN SOURCES.WEAR SUITABLE PROTECTIVE
EQUIP DURING CLEAN UP PROCEDURES. CONTAIN & COLLECT LIQUID. REACT
WITH BORIC ACID FOR COMPLETE NEUTRALIZATION. DISPOSE NEUTRALIZED
SOLUTION INTO SEWAGE.

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Handling and Storage
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Handling and Storage Precautions:STORE AWAY FROM ACIDS.CONTAINERS
SHOULD

BE PROTECTED FROM BREAKAGE DURING HANDLING.
Other Precautions:AVOID CONTACT WITH SKIN & CLOTHING.

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

Respiratory Protection:NONE SHOULD BE NEEDED
Ventilation:NORMAL ROOM VENTILATION.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.
Supplemental Safety and Health
MSDS FROM MARATHON NOT DATED; MARATHON PROVIDED MSDS OF POTASSIUM
HYDROXIDE WHICH IS
USED TO FILL IN BATTERIES.THE BATTERY
NO(P/N):18191-15, BB600 CELL.

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

HCC:Z5
Boiling Pt:B.P. Text:290F/144C
Spec Gravity:1.30
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS VISCOUS LIQUID,NO ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS
Stability Condition to Avoid:NOT KNOWN
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:SM & LG SPILL:DEPOSIT IN A POSTED TOXIC
SUBSTANCE LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.MFR RECOMMENDS TO DISPOSE OF NEUTRALIZED SOLUTION INTO
SEWAGE.

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