

MARATHON BATTERY COMPANY -- POTASSIUM HYDROXIDE AQUEOUS SOLUTION --
6810-00-204-2737

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

Product ID:POTASSIUM HYDROXIDE AQUEOUS SOLUTION

MSDS Date:01/01/1987

FSC:6810

NIIN:00-204-2737

MSDS Number: BDJLQ

=== Responsible Party ===

Company Name:MARATHON BATTERY COMPANY

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

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RT

ECS #:TT2100000
= Wt:31.
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
= Wt:69.

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

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

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

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

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

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*2O.
Unusual Fire/Explosion Hazard:KOH WILL REACT WITH NITROCARBONS,
CH
LOROCARBONS, ZINC, ALUMINUM, AND TIN.

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

Spill Release Procedures:ELIM IGN SOURCES. WEAR SUITABLE PROTECTIVE
EQUIPMENT DURING CLEAN UP PROCEDURES. CONTAIN AND COLLECT LIQUID.
REACT WITH BORIC ACID, FOR COMPLETE NETRALIZATION. DISPOSE
NEUTRALIZED SOLUTION INTO SEWAGE .

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

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

ROTECTED FROM BREAKAGE DURING HANDLING.
Other Precautions:AVOID CONTACT WITH SKIN AND 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
MDS ROM MRATHON NOT DATED; MARATHON PROVIDED MSDS OF POTASSUM HYDROXIDE WHICH IS USED TO
FILL IN BATTERIES. THE BATTERY NO (P/N): 27420,
BB599 CELL.

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

HCC:B1
Boiling Pt:=143.3C, 290.F
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

===== Di
sposal Considerations =====

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

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.