

MARATHON BATTERY COMPANY -- POTASSIUM HYDROXIDE AQUEOUS SOLUTION --
6810-00-850-7787

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

Product ID:POTASSIUM HYDROXIDE AQUEOUS SOLUTION

MSDS Date:01/01/1987

FSC:6810

NIIN:00-850-7787

MSDS Number: BFSQG

=== 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

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RT

ECS #:TT2100000
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

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

Effects of Overexposure:EYES/SKIN:CORROSIVE TO TISSUES.SEV BURNS.
DAMAGES EYES;INHAL:IRRIT RESP TRACT;INGEST:BURNS MOUTH THRT

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

First Aid:SKIN:WASH W.SOAP & H2O. EYES:FLUSH W. H2O. INGESTED:DON'T
INDUCE VOMITING. INHALED:REMOV
E TO FRESH AIR. GIVE CPR/ OXYGEN IF
NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE
ANYTHING B Y MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point:NONE
Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:USE PROTCTV CLOTHING/EQUIP & SCBA.USE WATER
SPRAY TO COOL CO
Unusual Fire/Explosion Hazard:KOH WILL RACT
W/NITROCARBONS,CHLOROCARBONS, ZINC,AL & TIN TO GIV
E FALMM GASES
SUCH AS HYDROGEN,ETC.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK.
EVACUATE AREA.DO NOT TOUCH SPILLAGE. SM SPILL:ABSORB W. INERT
ABSORBENT. PLACE IN CLOSED CONTAINER. FLUSH AREA W. WATER. LG
SPILL: DIKE AHEAD FOR LATER DISPOSAL. NOTIFY
AUTHORITIES.NEUTRALIZE W/BORIC ACID.

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

Handling and Storage Precautions:

STORE AWAY FROM STRONG

ACIDS. CONTAINERS SHOULD BE PROTECTED FROM BREAKAGE DURING HANDLING.

Other Precautions: AVOID SKIN & CLOTHING CONTACT

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

Respiratory Protection: NONE SHOULD BE NEEDED

Ventilation: NORMAL ROOM VENTILATION.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEM SPLASH GOGGLES

Other Protective Equipment: NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Supplemental Safety and Health

O DATED: 25OCT85; SPEC REF: MIL-P-11751, CL

ASS 3

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

HCC: B1

Boiling Pt: =143.3C, 290.F

Spec Gravity: 1.3000

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS VISCOUS LIQUID WITH NO ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS & OXIDIZERS

Stability Condition to Avoid: AVOID CONTACT W/METALS

Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: NEUTRALIZE WITH BORIC ACID. DISPOSE NEUTRALIZED SOLID BY REGULAR DISPOSAL METHODS, & DISPOSE NEUTRALIZED LIQUIDS INTO SEWWAGE. FOLLOW FEDERAL, STATE & LOCAL REGULATIONS.

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