

MARATHON BARRERY CO(ELECTROLYTE MFR BY SOBIN CHEM -- 19205, BATTERY,STORAGE --  
6140-00-712-3053

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

Product ID:19205, BATTERY,STORAGE

MSDS Date:01/01/1985

FSC:6140

NIIN:00-712-3053

MSDS Number: BFMCF

=== Responsible Party ===

Company Name:MARATHON BARRERY CO(ELECTROLYTE MFR BY SOBIN CHEM

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:LO845

=== Contractor Identification ===

Company Name:MARATHON BARRERY CO(ELECTROLYTE MFR BY SOBIN CHEM

Address:8301 IMPERIAL DRIVE

Box:8233

City:WACO

State:TX

ZIP:76714-8233

Country:US

Phone:817-776-0650

CAGE:LO845

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 =====

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Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 47.5%  
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  
RTECS #:ZC0110000  
Fraction by Wt: 50-55%

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

Effects of Overexposure:EYES,SKIN,MUCOUS MEMBRANES:SEVERE & RAPID  
BURNS;INHALE:SHORT BREATH;INGEST:PAIN,VOMITING,DEATH.

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

First Aid:EYES,SKIN,MUCOUS MEMBRANES:FLUSH W LG AMTS H\*2O AT LEAST 15  
MIN;INHALE:REMOVE TO FRESH AIR,REST;INGEST:RINSE MOUTH, GIVE H\*2O.  
IMMEDIATE MEDICAL ATTENTION REQUIRED FOR EYES, SKIN, INGEST, INHALE  
OR MUCOUS MEMBRANE EXPOSURE.

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

Extinguishing Media:NOT COMBUSTIBLE;USE MEDIA SUITABLE FOR SURROUNDING  
FIRE TYPE  
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP;MAY USE FOADING Q  
TY  
H\*2O FOG.  
Unusual Fire/Explosion Hazard:VAPORS, MISTS CORROSIVE, HARMFUL:H\*2O  
SPRAY COOL CONT.;FIRE CONTROL H\*2O RUNOFF MAY CAUSE POLLUTION.

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

Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL. STOP LEAK IF  
POSSIBLE WITHOUT RISK. SM SP: ABSORB W COMMERCIAL ABSORBENT, PLACE  
IN CONTAINERS FOR DISPOSAL; LG SP: CONTAIN W DIKE, DILUTE &  
NEUTRALIZE FOR DISPOSAL; RESI DUE MAY BE FLUSHED W LG QTY H\*20(SEE

DISPOSAL MET)

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED, LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE. AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:REFER TO MCA DATA SHEET SD-10 AND MANUAL SHEET TC-3. DO NOT FREEZE.

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

Respiratory Protection:IF EXPOSED TO MIST, WEAR SELF-CNTND BRTHG APP; NONE NEEDED NORMALLY.

Ventilation:NO SPECIAL REQUIREMENTS(KEEP BELOW TLV)

Protective Gloves:NEOPRENE/GAUNTL

Eye Protection:GOGGLES & FACESHIELD

Other Protective Equipment:ACID TYPE SUIT(FULL PROTECTIVE) IF CONTACT IS ANTICIPATED.

Supplemental Safety and Health

KOH MFR'S ADDRESS IS 52 SOBIN PARK, BOSTON, MASS 02210. MFGS DATA SUPPLEMENTED BY GENERIC DATA FOR FIRE, SAFETY, & DISPOSAL,, COMMON NAME:POTASH LYE. SAFETY DATA FOR BATTERY CHEMICAL CONTENTS.

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===== Physical/C  
hemical Properties =====

HCC:Z5

Boiling Pt:=144.4C, 292.F

Spec Gravity:1.45

Solubility in Water:COMPLETE

Appearance and Odor:VISCOUS, WATER WHITE LIQUID;HOT VAPORS:PUNGENT

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

Stability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY W ACIDS;CORRODES AL, ZN(FORMS HYDROGEN).

Stability Condition to Avoid:VAPOR GENERATION,

Hazardous Decomposition Products:NONE NOTED BY MFG.;HYDROGEN GAS FORMED VIA CORROSION W AL,

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

Waste Disposal Methods:DISPOSE IN FULL ACCORD WITH APPLICABLE INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS. MAY BE NEUTRALIZED WITH HCL(FORMS SALT WATER)

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