

MARATHON POWER TECHNOLOGIES -- 39645-002 NICAD BATTERY -- 6140-01-060-6855

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Product Identification
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Product ID:39645-002 NICAD BATTERY

MSDS Date:11/18/1996

FSC:6140

NIIN:01-060-6855

MSDS Number: BNWRQ

=== Responsible Party ===

Company Name:MARATHON POWER TECHNOLOGIES

Address:8301 IMPERIAL DRIVE

Box:8233

City:WACO

State:TX

ZIP:76714-8233

Country:US

Info Phone Num:817-776-0650

Emergency P

hone Num:817-776-0650

CAGE:74025

=== Contractor Identification ===

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:CADMIUM (SARA III)

CAS:7440-43-9

RTECS #:EU9800000

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE 1910.1027

ACGIH TLV:0.01 MG/M3 DUST;9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDRO

XIDE
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT ESTABLISHED.
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192

Ingred Name:NICKEL HYDROXIDE (SARA III)
CAS:12054-48-7
RTECS #:QR7040000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG NI/M3
ACGIH TLV:0.1 MG NI/M3; 9293
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Other REC Limits:NONE SPECIFIED
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 =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:UNDER NORMAL CONDITIONS OF USE, NO
EXPOSURE TO HAZARDOUS COMPONENTS EXISTS. IF INCINERATED, INHALATION
OF FUMES MAY CAUSE RESPIRATORY SYSTEM IRRITATION, FUMES WILL ALSO
IRRITATE EYE TISSUE (ACUTE); CHRONIC EXPOSURE MAY CAUSE KIDNEY
DYSFUNCTION AND LUNG INJURY.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:IF INCINERATED, CHEST PAIN, COUGHING, CHILLS,
SHORTNESS OF BREATH AND WEAKNESS ALONG WITH POSSIBLE EYE
IRRITATION.
Medical Cond Aggravated by Exposure:None

F INCINERATED, RESPIRATORY SYSTEM
DISORDERS, LIVER AND KIDNEY DISORDERS, VISION PROBLEMS.

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First Aid Measures
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First Aid:IF CONTACT WITH POTASSIUM HYDROXIDE ELECTROLYTE, FLUSH WITH
WATER FOR 15 MINUTES AND CONTACT PHYSICIAN. IF INHALED, REMOVE FORM
EXPOSURE AND CONTACT PHYSICIAN.

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Fire Fighting Measures
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Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing M

edia:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR
SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:CONTACT WITH STRONG OXIDANTS MAY CAUSE
FIRE OR EXPLOSION. CADMIUM AND NICKEL FUMES ARE TOXIC AND CAN CAUSE
DEATH.

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Accidental Release Measures
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Spill Release Procedures:BATTERY AND CELL CASE WILL NORMALLLY CONTAIN
MATERIALS

OF CONCERN. USE INDUSTRIAL ABSORBANT TO COLLECT LIQUID
POTASSIUM HYDROXIDE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:DO NOT INGEST. AVOID CRUSHING OR OTHER
WISE DESTROYING THE PHYSICAL INTEGRITY OF THE CELL OR BATTERY.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection:WHEN HANDLING THE

LIQUIDS IN THE BATTERY WEAR A
DUST OR MIST MASK.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS
REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:RUBBER GLOVES WHEN HANDLING LIQUID

Eye Protection:EYE GOGGLES WITH FACE SHIELD.

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, D

RINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

PER MANUFACTURER, BATTERY IS DRY.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:SEALED BATTERY

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

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, NITROGEN, NITRIC ACID

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:CELLS AND BATTERIES MAY BE RETURNED AT SENDERS
EXPENSE TO A PERMITTED TREATMENT, STORAGE, DISPOSAL FACILITY.
DISPOSAL SHALL BE BY APPROVED METHODS.

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