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MARATHON POWER TECHNOLOGIES, BATTERY PRODUCTS -- BATTERY

STORAGE, BB-412/U, NICKEL CADMIUM, SEA -- 6140-00-921-3670

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

Product ID:BATTERY STORAGE, BB-412/U, NICKEL CADMIUM, SEA

MSDS Date:12/09/1992

FSC:6140

NIIN:00-921-3670

MSDS Number: BRTGD === Responsible Party ===

Company Name: MARATHON POWER TECHNOLOGIES, BATTERY PRODUCTS

Address:8301 IMPERIAL DRIVE

Box:8233 City:WACO

State:TX

ZIP:75714-8233 Country:US

Info Phone Num:817-776-0650

Emergency Phone Num:817-776-0650,800-424-9300(CHEMTREC)

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

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

Ingred Name: CADMIUM (SARA III)

CAS:7440-43-9

RTECS #:EU9800000

Other REC Limits: NONE RECOMMENDED

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 HYDROXIDE

CAS:21041-95-2

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.2 MG/M3 (CD DUST) ACGIH TLV:.05 MG/M3(CD DUST)93

Ingred Name: NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9293

Ingred Name: NICKEL HYDROXIDE (SARA III)

CAS:12054-48-7

RTECS #:QR7040000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG NI/M3 ACGIH TLV:0.1 MG N

I/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 RECOMMENDED

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 225 MG/KG. Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Health Hazards Acute

and Chronic:PRODUCT IS A SEALED UNIT. HAZARDS ARE
BASED ON BROKEN AND LEAKING CELLS. EYES: EYE TISSUE DAMAGE. SKIN:
ALLERGIC RASHES. INHALATION: CAN BE HARMFUL OR FATAL. DUST AND
FUMES MAY CAUSE RESPIRATORY TRACT IRRITATION, IRREVERSIBLE LUNG
INJURY, KIDNEY DISEASE. INGESTION: MAY CAUSE NAUSEA, VOMITING,
DIARRHEA, ABDOMINAL CRAMPS.

Explanation of Carcinogenicity: CONTAINS NICKEL AND CADMIUM [7440-43-9] WHICH IS LISTED BY NTP AND IARC. CADMIUM IS ALSO REGULATED BY OSHA

## AS CARCINOGEN.

Effects of Overexposure:EYES: IRRITATION, DAMAGE. SKIN: IRRITATION, TISSUE DAMAGE, ALLERGIC RASHES. INHALATION: IRRITATION OF NOSE, THROAT, RESPIRATORY TRACT, LUNG INJURY, HEADACHE, NAUSEA, DIZZINESS, KIDNEY DISEASE, AND MAY BE FATAL. INGESTION: NAUSEA, VOMITING, DIARRHEA, ABDOMINAL CRAMPS.

Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSUE TO THE INGREDIENT S LEAKED FROM THIS BATTERY.

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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

===	 Fire	Fighting	Measur
es	 ==		

Flash Point: NON-FLAMMABLE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SELF-CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR IF INVOLVED IN A FIRE.
Unusual Fire/Explosion Hazard:CONTACT WITH STRONG OXIDIZERS MAY CAUSE
FIRE OR EXPLOSION. CADMIUM AND NICKEL FUMES ARE TOXIC AND CAN CAUSE DEATH.

	Accidental	Release	Measures	
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Spill Release Procedures



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Conditions to Avoid Polymerization:WILL	NOT OCCUR

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CELLS AND BATTERIES MAY BE RETURNED AT SENDERS EXPENSE TO A PERMITTED TREATMENT, STORAGE, DISPOSAL FACILITY.

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