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MARATHON POWER TECHNOLOGIES, BATTERY PRODUCTS -- NICKEL CADMIUM BATTERY --

6140-01-238-4932

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

Product ID:NICKEL CADMIUM BATTERY

MSDS Date: 05/05/1995

FSC:6140

NIIN:01-238-4932

MSDS Number: BHJTM === 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 P

hone Num:817-776-0650

Emergency Phone 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

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

Ingred Name: CADMIUM (SARA 313) (CERCLA)

CAS:7440-43-9

RTECS #:EU9800000

Other REC Limits:NONE SPECIFIED OSHA PEL:0.2 MG/M3 DUST; Z-2 ACGIH TLV:0.01 MG/M3 DUST;9495

EPA Rpt Qty:10 LB

S

DOT Rpt Qty:10 LBS

Ingred Name: CADMIUM HYDROXIDE

CAS:21041-95-2

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.05 MG CD/M3 ACGIH TLV:0.05 MG CD/M3

Ingred Name: NICKEL (SARA 313) (CERCLA)

CAS:7440-02-0

RTECS #:QR5950000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9495

Ingred Name: NICKEL HYDROXIDE (SARA 313) (CERCLA)

CAS:12054-48-7 RTECS #:QR7040000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG(NI)/M3

ACGIH TLV:0.1 MG(NI)/M3; 9495

EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

Ingred Name: POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3: 9495

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

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES | IARC:YES | OSHA:NO

Health Hazards Acute and Chronic: UNDER NORMAL CONDITIONS OF USE,

EXPOSURE TO HAZARDOUS COMPONENTS. IF INCINERATED, INHALATION OF FUMES MAY CAUSE RESPIRATORY SYSTEMS IRRITATION. FUMES WILL ALSO IRRITATE EYE TISSUE (ACUTE). CHRONIC EXPOSURE MAY CAUSE KIDNEY DYSFUNCTION AND LUNG INJURY.

Explanation of Carcinogenicity:MFR LISTED "NOT ESTABLISHED FOR BATTERIES." UNDER CARCINOGENICITY. HMIS BELIEVES HAZARD IS ONLY IF BATTERY IS DAMAGED.

Effects of Overexposure:IF INCINERATED: CHEST PAIN, COUGHING, SWEATING, CHILLS, SHORTNESS OF BRE

ATH & WEAKNESS ALONG W/POSSIBLE EYE IRRITATION.

Medical Cond Aggravated by Exposure:IF INCINERATED, RESPIRATORY SYSTEMS DISOSRDERS, PROSTRATE DISORDERS, LIVER & KIDNEY DISORDERS, VISION.

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

Flash Point:NONE

Extinguishing Media: USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROPER PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

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	=====

Spill Release Procedures:BATTERY AND CELL CASES WILL NORMALLY CONTAIN MATERIALS OF CONCERN. USE INDUSTRIAL ABSORBENT TO COLLECT LIQUID POTASSIUM HYDROXIDE.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

Handling and Storage Precautions:DO NOT INVERT. AVOID BREAKING, CRUSHING OR OTHERWISE DESTROYING THE PHYSICAL INTEGRITY OF THE CELL OR BATTERY.

Other Precautions: MFR GAVE NO INFORMATION ON MS

Waste Disposal Methods:CELLS AND BATTERIES MAY BE RETURNED AT SENDERS EXPENSE TO A PERMITTED TREATMENT, STORAGE, DISPOSAL FACILITY (TSDF). RECOMMENDED MARATHON POWER TECHNOLOGIES 817-776-0650. DISPOSAL SHALL BE BY APPROVED. METHODS.

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