View NSN Online: https://aerobasegroup.de/nsn/6140-01-086-3440 MARATHON BATTERY CO. -- 39411-003 -- 6140-01-086-3440 Product ID:39411-003 MSDS Date:07/15/1999 FSC:6140 NIIN:01-086-3440 MSDS Number: BHBVC === Responsible Party === Company Name: MARATHON BATTERY CO. Address:8301 IMPERIAL DRIVE Box:8233 City:WACO State:TX ZIP:76714-8233 Country:US Info Phone Num:817-776-0650 Emergency Phone Num:817-776-0650/800-424-9300(CHEMTREC ) Preparer's Name: TERRY G. MESSING Chemtrec Ind/Phone:(800)424-9300 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

Contract Num:SP0430-99-D0331-0002

CAGE:74025

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

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

ACGIH TLV:C 2 MG/M3; 9192 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

OSHA PEL:C, 2 MG/M3

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 HYDROXIDE

CAS:21041-95-2

Other REC Limits:NONE SPECIFIED OSHA PEL:0.1 MG/M3 (CD FUME)

**ACGIH TLV:** 

0.05 MG/M3 (CD FUME)

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: 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

LD50 LC50 Mixture:LD50 ORAL RAT IS 225 MG/KG

Routes of Entry: Inhalation:NO Ski

n:NO ingestion:NO	n:NO	Ingestion:NO
-------------------	------	--------------

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

Health Hazards Acute and Chronic:UNDER NORMAL CONDITIONS OF USE NO EXPOSURE TO HAZARDOUS COMPONENTS EXIST. IF INCINERATED ,MAY CAUSE IRRITATION TO RESPIRATORY SYSTEM, FUMES WILL ALSO IRRITATE EYES, ALKALI IS CORROSIVE TO ALL TISSUE S (ACUTE). CHRONIC:MAY CAUSE LUNG INJURY AND KIDNEY DYSFUNCTION.

Explanation of Carcinogenicity:NICKEL AND CADMIUM ARE LISTED UNDER NTP AND IARC.

## Effects of Overexposure

:EYES:SEVERE IRRITATION, PAIN, BURNS, VISION
PROBLEMS. SKIN: IRRITATION, POSSIBLE CHEMICAL BURNS. INHALATION:
SEVERE IRRITATION, COUGHING, SWEATING, CHILLS, FEVER, KIDNEY
DISORDERS. INGESTION: CORROS IVE TO DIGESTIVE SYSTEM.

Medical Cond Aggravated by Exposure:IF INCNERATED, INDIVIDUALS WITH PRE-EXISTING RESPIRATORY DISORDERS,M PROSTATE, LIVER, KIDNEY AND VISION PROBLEMS MAY BE AT INCREASED RISK.

## First

Aid:IF CONTACT WITH POTASSIUM HYDROXIDE OCCURS, FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. SEE DOCTOR. IF INHALATED, REMOVE TO FRESH AIR AND CONTACT PHYSICIAN IMMEDIATELY.

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

## Flash Point:NONE

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EV

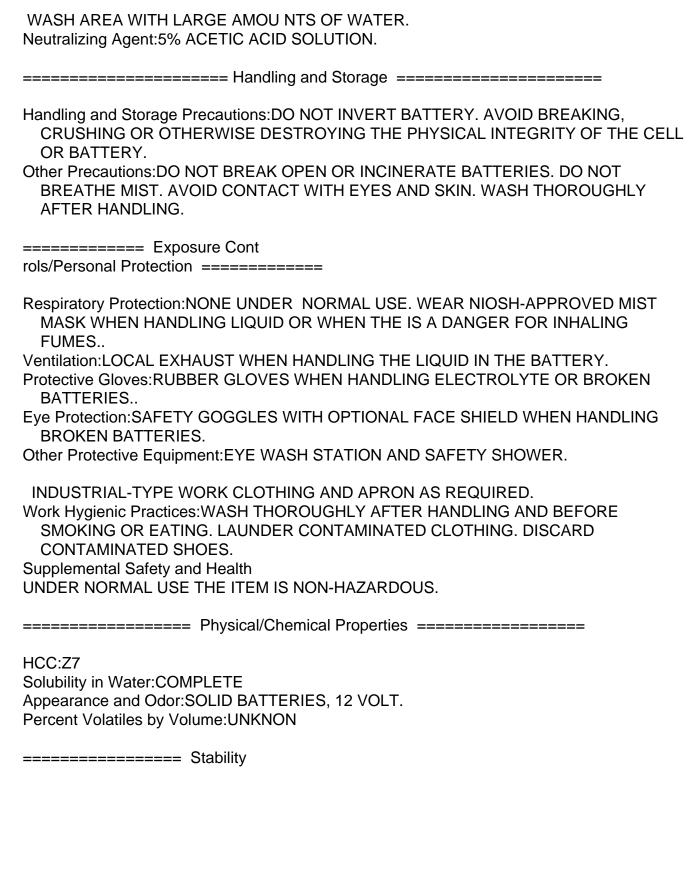
ACUATE AREA. COOL

FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS SUCH AS CADMIUM AND NICKEL FUMES.

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

Spill Release Procedures: VENTILATE AREA. EVACUATE PERSONNEL. WEAR APPROPIATE PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN INERT INDUSTRIAL ABSORBENT AND PLACE IN DOT-APPROVED CONTAINERS FOR DISPOSAL.



Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, NITRATES, NITRIC ACID.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.
======== Disposal Considerations ===========
N/
Waste Disposal Methods:SEND TO RECLAIMING CENTER FOR RECLYING OR REUSI
IF POSSIBLE. OR SEND TO LICENSED HAZARDOUS TREATMENT OR DISPOSAL

REUSE,

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

SITE FOR DISPOSITION UNDER A PPLICABLE FEDERAL, STATE AND LOCAL

REGULATIONS.

========= MSDS Transport Information ===============

REGULATIONS. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL

Transport Information: PER MSDS, FOR TRANSPORTATION PURPOSE THESE BATTERIES ARE NON-HAZARDOUS AND NOT SUBJECT TO ANY OF THE PROVISIONS OF 49 CFR PARTS 170-189.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.