View NSN Online: https://aerobasegroup.tw/nsn/6140-01-323-1323

C AND D CHARTER POWER SYSTEMS, INC. -- FLOODED LEAD-CALCIUM

BATTERY,DC,LC,KC,XT,MC,JC SERIES -- 6140-01-323-1323

Product ID:FLOODED LEAD-CALCIUM BATTERY, DC, LC, KC, XT, MC, JC SERIES

MSDS Date:07/01/1994

FSC:6140

NIIN:01-323-1323

MSDS Number: BYTCN === Responsible Party ===

Company Name: C AND D CHARTER POWER SYSTEMS, INC.

Address:3043 WALTON RD, SUITE B

City:PLYMOUTH

MEETING State:PA ZIP:19462 Country:US

Info Phone Num:610-828-9000

Emergency Phone Num:610-828-9309/CHEM TEL 800-255-3924

Preparer's Name:P. J. REICH

CAGE:0GRM9

=== Contractor Identification ===

Company Name: C & D TECHNOLOGIES, INC

Address:1400 UNION MEETING ROAD

Box:3053

City:BLUE BELL

State:PA

ZIP:19422-0858

Country:US

Phone:215-619-2700

CAGE:1K126

Company Name: C AND D CHARTER POWER SYSTEMS, INC.

Address:1400 UNION MEETING ROAD

Box:3053

City:BLUE BELL

State:PA ZIP:19422 Country:US Phone:215-619 -2700; 610-828-9309

CAGE:0GRM9

Company Name: JOHN J. WILSON ASSOCIATES INC.

Address:3007 LINCOLN AVENUE

Box:9506

City:RICHMOND

State:VA

ZIP:23228-4209 Country:US

Phone:804-266-9623

CAGE:7L867

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

Ingred Name:LEAD (SARA 313) (CERCLA)

CAS:7439-92-1

RTECS #:OF7525000 Fraction by Wt: 62 - 65%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15MG/M3 DUST; 9495

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:SULFURIC

ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000 Fraction by Wt: 6 - 8%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL: 9495

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 12 - 15%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:NOT RELEVANT ACGIH TLV:NOT RELEVANT

Ingred Name: CALCIUM, METAL

CAS:7440-70-2

RTECS #:EV8040000 Fraction by Wt: 1%

Other REC Limits: NONE RECOMMENDED

Ingred Name: INERT INGRE

DIENTS/COMPONENTS
Fraction by Wt: 10 - 18%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 2140 MG/KG. Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS, LUNG, GI TRACT. ACUTE- LEAD MAY CAUSE GI UPSET, DIARRHEA, CRAMPING & FATIGUE. SULFURIC ACID MAY CAUSE EYE, SKIN & RESPIRATOR

Y TRACT

IRRITATION, BURNS, CORNEAL & LUNG DAMA GE. CHRONIC- LEAD MAY CAUSE ANEMIA, KIDNEY & NERVOUS SYSTEM DAMAGE. ACID CAN CAUSE BRONCHITIS, EROSION OF TOOTH ENAMEL.

Explanation of Carcinogenicity: NONE

Effects of Overexposure:GI UPSET, LOSS OF APPETITE, DIARRHEA, CONSTIPATION, CRAMPING, LACK OF SLEEP, FATIGUE, EYE, SKIN AND RESPIRATORY TRACT IRRITATION, BURNS, CORNEAL AND LUNG DAMAGE Medical Cond Aggravated by Exposure:LEAD AND ITS COMPOUNDS CAN AGGRAVATE CHRONIC FORMS O

F KIDNEY, LIVER AND NEUROLOGIC DISEASES.

CONTACT OF SULFURIC ACID WITH SKIN MAY AGGRAVATE DISEASES SUCH AS ECZEMA. ACID MIST AGGRAVATES LUNG DISEASE

First Aid:OBTAIN MEDICAL ATTENTION IN ALL CASES OF EXPOSURE. EYES/SKIN:FLUSH WITH WATER FOR 15 MINUTES. KEEP EYELIDS OPEN. INHALATION:MOVE TO FRESH AIR. INGESTION:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LAR GE AMOUNT OF WATER OR MILK.

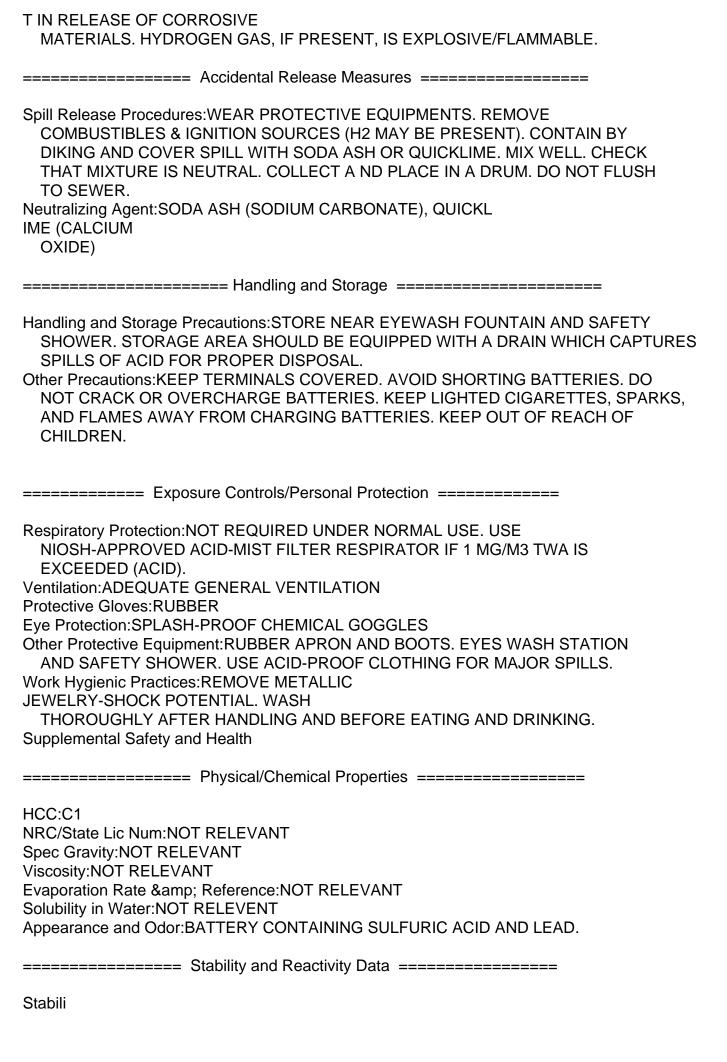
= Fire Fighting Measures ==========

Flash Point: NON-FLAMMABLE

Extinguishing Media: USE CARBON DIOXIDE, SAND, HALON/DRY CHEMICAL. WATER APPLIED TO ELECTROLYTE GENERATES HEAT AND CAUSES IT TO SPATTER.

Fire Fighting Procedures:WEAR ACID-RESISTANT CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:BATTERY CELLS MAY RUPTURE WHEN EXPOSED TO EXCESSIVE HEAT. THIS COULD RESUL



ty Indicator/Materials to Avoid:YES

COMBUSTIBLES, ORGANIC MATERIALS, METALS, REDUCING AGENTS, SULFUR TRIOXIDE, WATER, BASES

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, OVERCHARGING, SMOKING, SPARKS

Hazardous Decomposition Products:LEAD OXIDE, HYDROGEN, SULFUR DIOXIDE, SULFUR TRIOXIDE, METAL FUMES

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

Waste Disposal Methods:DISPOSE AS HAZARDOUS WASTE. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGUL

ATIONS FOR ACID OR LEAD SCRAP.

SEND BATTERIES TO LEAD SMELTER FOR RECLAMATION FOLLOWING APPLICABLE FEDERAL, STATE AN D LOCAL REGULATIONS.

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