

BBC (BEST BATTERY CORP) -- BATTERY, ELECTRIC STORAGE -- 6140-01-203-4912

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Product Identification
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Product ID: BATTERY, ELECTRIC STORAGE

MSDS Date: 08/01/1990

FSC: 6140

NIIN: 01-203-4912

MSDS Number: BXXLT

=== Responsible Party ===

Company Name: BBC (BEST BATTERY CORP)

Address: 1000 AIRPORT RD

Box: 650

City: TERRELL

State: TX

ZIP: 75160

Country: US

Info Phone Num: 512-883-9161

Emergency Phone Num: 80

0-424-9300 (CHEMTREC)

CAGE: BESTB

=== Contractor Identification ===

Company Name: BBC (BEST BATTERY CORP)

Address: 1000 AIRPORT RD

Box: 650

City: TERRELL

State: TX

ZIP: 75160

Country: US

Phone: 512-883-9161

CAGE: BESTB

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Composition/Information on Ingredients
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Ingred Name: LEAD (BASE METAL) (SARA 313) (CERCLA)

CAS: 7439-92-1

RTECS #: OF7525000

Fraction by Wt: 43-70%

OSHA PEL: SEE 1910.1025

ACGIH TLV: 0.15MG/M3 DUST

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Ingred Name: ANTIMONY (ALLOY) (SAR)

A 313) (CERCLA)
CAS:7440-36-0
RTECS #:CC4025000
Fraction by Wt: 0-4%
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG (SB)/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 20-44%
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES
Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SULFURIC ACID:ACID CAN CAUSE
IRRITATION OF EYES, NOSE AND THROAT. BREATHING OF MIST PRODUCES
RESPIRATORY DIFFICULTY. CONTACT WITH EYES AND SKIN CAUSES
IRRITATION AND SKIN BURNS. LEAD APPEARS ON THE NA VY LISTING OF
OCCUP CHEM REPRO HAZS. SEEK CONSULTATION FROM APPROP HLTH
PROFESSIONALS CONCERNING LATEST(EFTS OF OVEREXP)
Explanation of Carcinogenicity:SULFURIC ACID:IARC MONOGR
APHS ON EVAL OF
CARCIN RISK OF CHEMMIST TO MAN, VOL 54, PG 41, 1992:GROUP 1.
ANIMAL:PULM IRRIT.
Effects of Overexposure:HLTH HAZS:HAZARD LIST INFORMATION AND SAFE
HANDLING AND EXPOSURE INFORMATION .
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE
O*2/ARTF RESP) . EYES:IMMEDIATELY FLUSH W/POTABLE WATER FOR A
MINIMUM OF 15

MINUTES, SEEK ASSISTANCE FROM MD . SKIN:FLUSH
CONTACTED AREA WITH LARGE AMOUNTS OF WATER FOR ATLEAST 15 MINUTES.
REMOVE CONTAMINATED CLOTHING AND OBTAIN MEDICAL ATTENTION.
INGEST:GIVE LG VOLS OF WATER. DO NOT INDUCE VOMIT, OBTAIN MED
TREATMENT.

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

Flash Point:NON-FLAMMABLE

Lower Limits:4%

Upper Limits:74%

Extinguishing Media:CLASS ABC EXTINGUISHER, CO*2 AND/OR HALON.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPR

OVED SCBA & FULL PROT

EQUIP . COOL EXTERIOR OF BATTERY IF EXPOSED TO FIRE TO PVNT
RUPTURE. ACID MIST & VAPS IN FIRE ARE CORROSIVE.

Unusual Fire/Explosion Hazard:HYDROGEN GAS WHICH MAY EXPLODE IF
IGNITED, IS PRDCED BY THIS BATTERY, ESP WHEN CHARGING. USE ADEQ
VENTS, AVOID OPEN FLAMES, SPARKS/OTHER SOURCES OF IGNIT.

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

Spill Release Procedures:DILUTE SPILL CAUTIOUSLY WITH 5 OR 6 VOLUMES OF
WATER AND NEUTRALIZE G

RADUALLY WITH SODIUM BICARBONATE, SODA ASH OR

LIME. WHEN EXPOSURE LEVEL IS NOT KNOWN, WEAR NIOSH/MSHA APPROVED
POSITIVE PRESSURE SE LF-CONTAINED RESPIRATOR.

Neutralizing Agent:SODIUM BICARBONATE, SODA ASH OR LIME.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM REACTIVE MATERIAL AS
DEFINED IN REACTIVITY DATA.

Other Precautions:SODIUM BICARBONATE, SODA ASH, SAND OR LIME SHOULD BE
KEPT IN SAME GENERAL AREA FOR E

MERGENCY USE. SEE FIRE & EXPLOSION

HAZ DATA AND GENERATION OF HYDROGEN GAS. IF BATTERY IS BROKEN,
AVOID DIRECT CONTA CT WITH INTERNAL COMPONENTS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED ACID GAS RESPIRATOR REQUIRED
WHEN TLV IS EXCEEDED OR EMPLOYEE WITNESSES RESPIRATORY IRRITATION
(SEE HEALTH HAZARD DATA).

Ventilation:LOCAL EXHAUST:PREFERRED. MECHANICAL (GENERAL):ACCEPTABLE AT
1-4 CHARGES/HOUR.

Protective

Gloves:ACID-RESISTANT (I.E. RUBBER).

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS(SUPDAT)

Other Protective Equipment:EYEWASH AND SHOWER STATIONS SHOULD BE MADE
AVAILABLE MEETING ANSI DESIGN CRITERIA . ACID-RESISTANT (SUP DAT)

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EYE PROT:AND FULL LENGTH FACE SHIELD . OTHER PROT EQUIP:APRONS, BOOTS
AND PROTECTIVE CLOTHING.

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

Boiling P

t:B.P. Text:235F,113C

Vapor Pres:13

Spec Gravity:1.285 (H*2O=1)

Evaporation Rate & Reference: