

BELL CITY BATTERY MFG INC -- DRY CHARGED BATTERY-NO ELECTROLYTE ADDED --
6140-00-822-0397

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

Product ID: DRY CHARGED BATTERY-NO ELECTROLYTE ADDED

MSDS Date: 10/01/1996

FSC: 6140

NIIN: 00-822-0397

Status Code: A

MSDS Number: CJLRS

=== Responsible Party ===

Company Name: BELL CITY BATTERY MFG INC

Address: 915 S CHARLES ST

City: BELLEVILLE

State: IL

ZIP: 62220-2605

Country: US

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Info Phone Num: 618-234-7272

Emergency Phone Num: 800-535-5053 INFOTRAC

CAGE: 0ABZ3

=== Contractor Identification ===

Company Name: BELL CITY BATTERY MFG INC

Address: 915 S CHARLES ST

Box: City: BELLEVILLE

State: IL

ZIP: 62220-2605

Country: US

Phone: 618-234-7272

Contract Num: SP0400-98-V-2733

CAGE: 0ABZ3

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

Ingred Name: LEAD

CAS: 7439-92-1

RTECS #: OF7525000

Minimum % Wt: 92.

Maximum % Wt: 93.

Other REC Limits: NIOSH 100

OSHA PEL: 50 UG/M3

ACGIH TL

V:150 UG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY
CAS:7440-36-0
RTECS #:CC4025000
Fraction by Wt: 0.2%
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ARSENIC
CAS:7440-38-2
RTECS #:CG0525000
Fraction by Wt: 0.003%
OSHA PEL:10 UG/M3
ACGIH TLV:200 UG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM
CAS:7440-70-2
RTECS #:EV8040000
Fraction by Wt: 0.02%

Ingred Name:TIN
CAS:7440-31-5
RTECS #:XP7320000
Fraction by Wt: 0.06%
OSHA
PEL:2000 UG/M3
ACGIH TLV:2000 UG/M3

Ingred Name:POLYPROPYLENE
CAS:9003-07-0
RTECS #:UD1842000
Minumum % Wt:6.
Maxumum % Wt:8.

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION OF LEAD DUST OR FUME MAY
CAUSE IRRITATION OF UPPER RESPIRATORY TRACT & LUNGS. ACUTE
INGESTION MAY CAUSE ABDOMINAL PAIN, NAUSEA, DIARRHEA & S

EVERS

CRAMPING. THIS MAY LEAD RAPIDLY TO SYSTEMIC TOXICITY AND MUST BE TREATED BY A PHYSICIAN.

Effects of Overexposure:ACUTE: SYMPTOMS INCLUDE HEADACHE, FATIGUE, ABDOMINAL PAIN, LOSS OF APPETITE, MUSCULAR ACHES & WEAKNESS, SLEEP DISTURBANCES & IRRITABILITY. CHRONIC: ANEMIA NEUROPATHY, PARTICULARLY MOTOR NERVES, KIDNEY DAMAGE, REPRODUCTIVE PROBLEMS

Medical Cond Aggravated by Exposure:LEAD AND ITS COMPOUNDS CAN AGGRAVATE SOME FORMS OF KIDNEY, LIVER AND NEUROLOGIC DISEASES.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE, GARGLE, WASH NOSE AND LIPS, CONTACT PHYSICIAN. INGESTION: CONSULT PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. EYES; FLUSH WITH WATER FOR 15 MINUTES, CONSULT PHYSICIAN.

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

Lower Limits:4.1%

Upper Limits:74.2 %

Extinguishing Media:CO₂;FOAM;DRY CHEMICAL

Fire Fighting Procedures:WEAR FULL BODY PROTECTIVE CLO

THING & SELF

CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE AND FULL FACE PIECE.

Unusual Fire/Explosion Hazard:HIGHLY FLAMMABLE HYDROGEN GAS GENERATED DURING CHARGING OPERATION OF BATTERIES. KEEP SPARK OR SOURCE OF IGNITION AWAY FROM BATTERY DO NOT ALLOW METAL TO SIMULTANEOUSLY CONTACT NEGATIVE AND POSITIVE TERMINALS OF CELLS/BATTERIES. FOLLOW MFG INSTRUCTION FOR INSTALLATION AND SERVICE. MOLTEN METAL PRODUCE FUME,VAPOR, DUST

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

Spill Release Procedures:LEAD DUST SHOULD BE VACUMMED (USING HEPA FILTER) OR WATER SWAPT. USE CONTROLS WHICH MINIMIZE FUGITIVE EMISSION: DO NOT USE COMPRESSED AIR. PLACE IN CLOSED CONTAINERS FOR DISPOSAL OR RECYCLING.

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

Handling and Storage Precautions:STORE BATTERY IN COOL DRY PLACE, WELL VENTILATED, SEPERATE FROM INCOMPATIBLE MATERIAL. STORE UNDER PROTECTION AGAINST WEATH

ER. KEEP AWAY FROM SPARKE, AVOID DAMAGE TO
CONTAINER

Other Precautions:PRECAUTIONARY LABELING: POISION CAUSES SEVERE BURNS.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS

Ventilation:MECHANICAL(GENERAL)NO INFORMATION FOUND OTHER:NATURAL
CONVECTION

Protective Gloves:USE RUBBER GLOVES WHEN FILLING BATTERY

Eye Protection:GOGGLES OR FACE SHIELD

Other Protective Equipment:WHEN FILLING BATTERY USE ACID RESISTA
NT

APRON OR FULL BODY PROTECTION

Work Hygienic Practices:HANDLE CAUTIOUSLY TO AVOID SPILLS, MAKE SURE
CAPS ARE TIGHT, AVOID CONTACT WITH INTERNAL COMPONENTS, WEAR
PROTECTIVE CLOTHING WHEN FILLING OR HANDLING BATTERIES.

Supplemental Safety and Health

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

HCC:Z7

Boiling Pt:>1380.C, 2516.F

B.P. Text:760MMHG

Melt/Freeze Pt:M.P/F.P Text:486-680F

Spec Gravity:9.6TOLL.3

Evaporation Rate & Reference: