

BELL CITY BATTERY MFG INC -- BATTERY, STORAGE, LEAD ACID -- 6140-01-203-4909

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Product Identification
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Product ID: BATTERY, STORAGE, LEAD ACID
MSDS Date: 10/01/1996
FSC: 6140
NIIN: 01-203-4909
Status Code: A
MSDS Number: CJLRR
=== Responsible Party ===
Company Name: BELL CITY BATTERY MFG INC
Address: 915 S CHARLES ST
City: BELLEVILLE
State: IL
ZIP: 62220-2605
Country: US
Info Phone Num: 618-234-7272

Emergency Phone Num: 800-535-5053
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: SP0430-98-M-JB75
CAGE: 0ABZ3

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Composition/Information on Ingredients
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Ingred Name: LEAD
CAS: 7439-92-1
RTECS #: OF7525000
Minimum % Wt: 92.
Maximum % Wt: 93.
ACGIH TLV: 0.15 MG/M3
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

Ingred Name: ANTIMONY
CAS: 7440-36

-0
RTECS #:CC4025000
= Wt:.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
= Wt:0.
ACGIH TLV:0.01 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM
CAS:7440-70-2
RTECS #:EV8040000
= Wt:.02

Ingred Name:TIN
CAS:7440-31-5
RTECS #:XP7320000
= Wt:.06
ACGIH TLV:2 MG/M3

Ingred Name:CASE MATERIAL: POLYPROPYLENE, CAS#9003-07-0, HARD RUBBER.
Minumum % Wt:6.
Maxumum % Wt:8.

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dentification =====

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 FUMES MAY
CAUSE IRRITATION OF UPPER RESPIRATORY TRACT & LUNGS. ACUTE
INGESTION MAY CAUSE ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA &
SEVERE CRAMPS. THIS MAY LEAD RAPIDLY TO SYSTEMIC TOXICITY & MUST
BE TREATED BY A PHYSICIAN.
Effects of Overexposure:ACUTE: SYMPTOMS INCLUDE HE

ADACHE, FATIGUE,
ABDOMINAL PAIN, LOSS OF APPETITE, MUSCULAR ACHES & WEAKNESS, SLEEP
DISTURBANCES & IRRITABILITY. CHRONIC: ANEMIA, NEUROPATHY,
PARTICULARLY OF MOTOR NERVES, WITH WRIST DROP; KIDNEY DAMAGE,
REPRODUCTIVE CHANGE IN MALES & FEMALES.

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

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

First Aid: INHALATION-REMOVE FROM EXPOSURE, GARGLE, WASH NOSE & LIPS,
CONSULT PHYSICIAN. INGESTION-CONSULT PHYSICIAN. SKIN-WASH WITH SOAP
& WATER. EYES-FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15
MIN; CONSULT PHYSICIAN.

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

Lower Limits: 4.1
Upper Limits: 74.2
Extinguishing Media: CO₂, FOAM, DRY CHEMICAL.
Fire Fighting Procedures: FULL BODY PROTECTIVE CLOTHING & SELF-CONTAINED
BREATHING APPARATUS WITH POSITIVE PRESSURE AND FULL FACE PIECE.
Unusual Fire/Explosion Hazard: FLAMMABLE HYDROGEN GAS IS GENERATED
DURING CHARGING & OPERATION OF BATTERIES. TO AVOID RISK OF FIRE,
KEEP SPARKS/SOURCES OF IGNITION AWAY FROM BATTERY. DO NOT ALLOW
METAL TO SIMULTANEOUSLY CONTACT NEG. & POS. TERMINAL OF CELLS &
BATTERIES.

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

Spill Release Procedures: LEAD DUST SHOULD BE VACUUMED (USING HEPA
FILTER) OR WET SWEEPED; USE CONTROLS WHICH MINIMIZE FUGITIVE
EMISSIONS; DO NOT USE COMPRESSED AIR. PLACE IN DRY CLOSED
CONTAINERS FOR DISPOSAL OR RECYCLING.

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

Handling and Storage Precautions: STORE BATTERY IN COOL, DRY VENTILATED
AREA. STORE UNDER ROOF FOR PROTECTION AGAINST ADVERSE WEATHER.
SEPARATE FROM INCOMPATIBLE MATERIAL. STORE & HANDLE IN AREA WITH
ADEQUATE WATER SUPPLY. AVOID DAMAGE TO CONTAINERS. KEEP AWAY FROM
SPARKS AND HEAT. PRECAUTIONARY LABELING: POISON

Other Precautions

ons:PRECAUTIONARY LABELING: POISON CAUSES SEVERE BURNS.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS.

Ventilation:NATURAL CONVECTION.

Protective Gloves:RUBBER GLOVES WHEN FILLING BATTERIES.

Eye Protection:USE CHEMICAL GOGGLES/FACE SHIELD WHEN FILLING BATTERIES.

Other Protective Equipment:WEAR FULL BODY PROTECTION DURING USE. WHEN FILLING BATTERY USE ACID RESISTANT APRON. UNDER SEVERE EXPOSURE/EMERGENCY

CONDITION WEAR ACID RESISTANT CLOTHING/BOOTS.

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

Supplemental Safety and Health

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

HCC:C1

Boiling Pt:>1380.C, 2516.F

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

Spec Gravity:9.6 TOLL .3

Evaporation Rate & Reference: