

BELL CITY BATTERY MFG. INC. -- 8D-900; DRY CHARGED BATTERY - NO ELECTROLYTE --  
6140-00-190-9828

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

Product ID:8D-900; DRY CHARGED BATTERY - NO ELECTROLYTE

MSDS Date:10/01/1996

FSC:6140

NIIN:00-190-9828

MSDS Number: CGFNJ

=== Responsible Party ===

Company Name:BELL CITY BATTERY MFG. INC.

Address:915 SOUTH CHARLES ST

City:BELLEVILLE

State:IL

ZIP:62220-2605

Country:US

Info Phone Num:618-234-7272

Emergency Phone Num:INFO TRAC 800-535-5053

CAGE:0ABZ3

=== Contractor Identification ===

Company Name:BATTERIES INC/AFFIL OF AUTOMOTIVE NORTHE

Box:UNKNOW

CAGE:0V9P9

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

CAGE:0ABZ3

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

Ingred Name:LEAD (SARA 313) (CERCLA)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 92

-93%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.05MG/M3, A3; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA 313) (CERCLA)  
CAS:7440-36-0  
RTECS #:CC4025000  
Fraction by Wt: 0.2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG (SB)/M3; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ARSENIC (SARA 313) (CERCLA)  
CAS:7440-38-2  
RTECS #:CG0525000  
Fraction by Wt: 0.003%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1018  
ACGIH TLV:0.01 MG/M3, A1; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM, METAL  
CAS:7440-70-2  
RTECS #:EV8040000  
Fraction by Wt: 0.02%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: 0.06%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9596

Ingred Name:POLYPROPYLENE HARD RUBBER; CASE MATERIAL  
CAS:9003-07-0  
RTECS #:TR5000000  
Fraction by Wt: 6-8%  
Other REC Limits:NONE RECOMMENDED

===== 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 FUMES MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT & LUNGS. ACUTE INGESTION MAY CAUSE ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA & SEVERE CRAMPING. THS MAY LEAD RAPIDLY T O SYSTEMIC TOXICITY & MUST BE TREATED BY A PHYSICIAN.  
Effects of Overexposure:ACUTE: HEADACHE, FATIGUE , ABDOMINAL PAIN, LOSS OF APPETITE, MUSCULAR ACHES & WEAKNESS, SLEEP DISTURBANCES & IRRITABILITY. CHRONIC: ANEMIA, NEUROPATHY, PARTICULARLY OF MOTOR NERVES, WITH WRIST DROP; KI DNEY DAMAGE.  
Medical Cond Aggravated by Exposure:KIDNEY, LIVER AND NEUROLOGIC DISEASES.

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

First Aid:INHALATION:REMOVE FROM EXPOSURE, GARGLE, WASH NOSE AND LIPS, CONSULT PHYSICIAN. INGESTION:CONSULT PHYSICIAN. SKIN:WASH WITH SOAP A ND WATER. EYES:FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MI N, CONSULT PHYSICIAN.

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

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL.  
Fire Fighting Procedures:WEAR FULL BODY PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE AND FULL FACE PIECE.  
Unusual Fire/Explosion Hazard:HIGH FLAMMABLE HYDROGEN GAS IS GENERATED DURING CHARGING & OPERATION OF BATTERIES. KEEP SPA RKS OR SOURCES OF IGNITION AWAY FROM BATTERY.

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

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

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

Handling and Storage Precautions:STORE BATTERY IN COOL, DRY VENTILATED AREA. STORE UNDER CO

VER FOR PROTECTION AGAINST ADVERSE WEATHER.

SEPERATE FROM INCOMPATIBLE MATERIAL.

Other Precautions:KEEP AWAY FROM SPARKS AND HEAT. 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:CHEMICAL GOGGLES/FACE SHIELD.

Other Protective Equipment:WEAR FULL BODY PROTECTION DURING USE. WHEN

FILLING BATTERY USE RESISTANT APRON.

Work Hygienic Practices:HANDLE CAUTIOUSLY. MAKE SURE CAPS ARE ON TIGHT.

Supplemental Safety and Health

NONE

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

HCC:N1

Boiling Pt:B.P. Text:>2516F,>138

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

Evaporation Rate & Reference: