

CHLORIDE OF SILVER DRY CELL BATTERY CO.,INC. -- SILVER BATTERY,BA2245/U --
6135-00-833-9909

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

Product ID:SILVER BATTERY,BA2245/U
MSDS Date:12/15/1992
FSC:6135
NIIN:00-833-9909
MSDS Number: BPZJC
=== Responsible Party ===
Company Name:CHLORIDE OF SILVER DRY CELL BATTERY CO.,INC.
Box:1227
City:SYKESVILLE
State:MD
ZIP:21784
Country:US
Info Phone Num:410-489-5332
Emer
gency Phone Num:410-489-5332
CAGE:88280
=== Contractor Identification ===
Company Name:CHLORIDE OF SILVER DRY CELL BATTERY CO.,INC.
Box:City:SYKESVILLE
State:MD
ZIP:21784
Country:US
Phone:410-489-5332
CAGE:88280

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

Ingred Name:ZINC ALLOY (99.943% ZINC) (SARA III).CAS NO. & RTECS NO.
ARE FOR ZINC.OSHA PEL & ACGIH TLV ARE FOR ZINC OXIDE.
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 28.57%
Other REC Limits:NONE RECOMMENDED
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SHA PEL:10 MG/M3 TOTAL DUST
ACGIH TLV:10 MG/M3 DUST
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC CHLORIDE (SARA III)
CAS:7646-85-7
RTECS #:ZH1400000
Fraction by Wt: 1.77%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3/2 STEL
ACGIH TLV:1 MG/M3/2STEL FUME93
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SILVER (SARA III)
CAS:7440-22-4
RTECS #:VW3500000
Fraction by Wt: 0.21%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt
Qty:1 LB

Ingred Name:SILVER CHLORIDE.ACGIH TLV FOR SOLUBLE SILVER COMPOUNDS.
CAS:7783-90-6
RTECS #:VW3563000
Fraction by Wt: 5.71%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:0.01 MG(AG)/M3

Ingred Name:LITHIUM CHLORIDE
CAS:7447-41-8
RTECS #:DJ5950000
Fraction by Wt: 2.14%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT KNOWN
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO

IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INTACT BATTERIES PRESENT NO SPECIFIC HAZARDS.BURNING BATTERIES MAY EMIT TOXIC FUMES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:LEAKING BATTERIES LEAK CORROSIVE MATERIAL,IRRITATING TO EYES,SKIN,MUCOUS MEMBRANE.ELECTROLYTE EXPOSURE TO SKIN,EYES WILL CAUSE SEVERE IRRITATION.INHALATION OF FUMES MAY CAUSE RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:BURNING BATTERIES:RESPIRATORY AILMENTS.LEAKING BATTERIES:SKIN CONDITIONS.

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

First Aid:BATTERY CONTENTS IN CONTACT WITH EYES/SKIN:WASH AFFECTED AREA WITH CLEAN WATER FOR AT LEAST 15 MINUTES.DO NOT ATTEMPT TO NEUTRALIZE.SEEK MEDICAL ATTENTION.

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

Flash Point:NOT KNOWN
Lower Limits:NOT KNOWN
Upper Limits:NOT KNOWN
Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICAL FIRE EXTINGUISHER,10-B:C.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS (SCBA).
Unusual Fire/Explosion Hazard:BATTERY/CELLS MAY RUPTURE AND/OR RELEASE TOXIC FUMES,IF SUBJECTED TO FIRE OR EXTREME HEAT.

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

Spill Release Procedures:AVOID SKIN OR EYE CONTACT.USE NONFLAMMABLE ABSORBENT FOR CLEANUP.COORDINATE WITH INSTALLATION SAFETY AND ENVIRONMENTAL OFFICES.
Neutralizing Agent:NOT KNOWN

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

Handling and Storage Precautions:DO NOT ABUSE OR SHORT CIRCUIT.WHEN STORING,STORE IN COOL,DRY AND WELL VENTILATED AREA,WHICH IS APPROVED BY LOCAL FIRE DEPARTMENT.
Other Precautions:DO NOT ATTEMPT TO RECHARGE.

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

Respiratory Protection:IF BATTERIES ARE BURNING USE SELF-CONTAINED BREATHING APPARATUS (SCBA).
Ventilation:SELF-CONTAINED BREATHING APPARATUS.
Protective Gloves:CHEMICAL-RESISTANT GLOVES IF

LEAKING.

Eye Protection:CHEMICAL-RESISTANT GOGGLES.

Other Protective Equipment:CHEMICAL-RESISTANT APRON.

Work Hygienic Practices:IF BATTERY LEAKING ELECTROLYTE AVOID SKIN AND EYE CONTACT.

Supplemental Safety and Health

OUTSIDE PACKAGE DIMENSIONS (INCHES):15/16 X 2 5/8.CONTRACT

NUMBER:DAAB07-92-P-R001.

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

Boiling Pt:B.P. Text:NOT KNOWN

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:NOT KNOWN

Spec Gravity:NOT KNOWN

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:NOT KNOWN

Appearance and Odor:NOT KNOWN

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STORE SEPARATELY FROM OTHER HAZARDOUS MATERIALS.

Stability Condition to Avoid:FIRE AND EXTREME HEAT.

Hazardous Decomposition Products:WHEN EXPOSED TO FIRE OR EXTREME HEAT,BATTERIES MAY RUPTURE AND RELEASE FUMES.

Conditions to

Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISP MUST BE IAW FEDERAL,STATE,AND LOCAL REGS.COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISP .AG BATTERIES CLASSIFIED AS HAZARDOUS WASTE UNDER RCRA.DISPO SITION THROUGH DRMO.RECLAMATION IS PREFERRED.

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