

EVEREADY BATTERY CO INC -- CLASSIC SUPER HEAVY DUTY BATTERY INDUSTRIAL --  
6135-00-178-9527

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

Product ID:CLASSIC SUPER HEAVY DUTY BATTERY INDUSTRIAL

MSDS Date:03/14/1991

FSC:6135

NIIN:00-178-9527

MSDS Number: BYVVD

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

City:ST LOUIS

State:MO

ZIP:63164

Country:US

Info Phone Num:314-98

2-2000

Emergency Phone Num:314-982-2000

CAGE:83740

=== Contractor Identification ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

Box:City:ST LOUIS

State:MO

ZIP:63164

Country:US

Phone:216-835-7368

CAGE:83740

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

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: 0-0.03%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, C, 0.1 MG/M3

ACGIH TLV:S, 0.05 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1

LB

Ingred Name:MANGANESE DIOXIDE  
CAS:1313-13-9  
RTECS #:OP0350000  
Fraction by Wt: 15-31%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG MN/M3 CEILING  
ACGIH TLV:5 MG MN/M3

Ingred Name:ZINC (SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
Fraction by Wt: 7-42%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 MG ZNO/M3  
ACGIH TLV:10 MG ZNO/M3; 9192  
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: 2-7%  
Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3/2 STEL  
ACGIH TLV:1 MG/M3/2STEL FUME93  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES/SKIN: CAN CAUSE BURNS AND  
PERMANENT INJURY DUE TO CAUSTIC POTASSIUM HYDROXIDE (KOH). MERCURY  
AND OTHER METALS IN THIS BATTERY AND  
THEIR COMPOUNDS CAN CAUSE  
CHRONIC HEALTH PROBLEMS SUCH AS SKIN IRRITATION, CANCER, RENAL  
FAILURE AND RESPIRATORY PROBLEMS. CHRONIC: NOT LIKELY UNDER PROPER  
USE.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS BATTERY  
ARE KNOWN OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE AND SKIN BURNS FROM POTASSIUM HYDROXIDE.  
CENTRAL NERVOUS SYSTEM DISORDERS AND CANCERS FROM LONG TERM EFFECTS  
OF HEAVY METAL POISONING.

Medical Cond Aggravated by Exposure:PERSONS WIT

H SKIN AND RESPIRATORY  
DISORDERS MAY BE AT INCREASED RISK FORM EXPOSURE.

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First Aid Measures  
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First Aid:FOR EYE OR SKIN CONTACT, FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES AND CONTACT A PHYSICIAN IMMEDIATELY. IF INHALATION EXPOSURE, REMOVE TO FRESH AIR AND CONSULT A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point:NOT GIVEN

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing M

edia:USE DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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Accidental Release Measures  
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Spill Release Procedures:AVOID EYE AND SKIN CONTACT WHEN DISCHARGING

USED BATTERIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE AT ROOM TEMPERATURE IN A DRY PLACE.

Other Precautions:AIR BREATHING UNITS ARE NEEDED IF MATERIALS ARE INCINERATED. INCINERATION IS NOT RECOMMENDED.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS

Ventilation:GENERAL (MECHANICAL)

Protective Gloves:NONE REQUIRED UNDER NORMAL CONDITIONS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE REQUIRED UNDER NORMAL CONDITIONS

Work Hygienic Practices:AVOID EYE/SKIN/RESPIRATORY CONTACT WITH LEAKING BATTERIES.

Supplemental Safety and Health

THE MANUFACTURER CONSIDERS THIS BATTERY AS AN ARTICLE AS DEFINED IN 29CFR 1910.1200. UNDER NORMAL USE, IT DOES NOT RELEASE OR OTHERWISE RESULT IN EXPOSURE TO A HAZAROUS CHEMICAL.

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Physical/Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:NO APPRECIABLE ODOR

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES

BATTERY CELLS CAN SHORT CIRCUIT IN WATER OR IN CONTACT WITH METAL OBJECTS (JEWELRY, OTHER BATTERIES, ETC.)

Stability Condition to Avoid:HIGH HEAT >160F, OPEN FLAMES AND OTHER SOURCES OF IGNITION, CHARGING, WATER

Hazardous Decomposition Products:BATTERY MAY EMIT HAZARDOUS VAPORS OF POTASSIUM HYDROXIDE AND MANGANESE, MERCURY AND ZINC OXIDE.

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Disposal Considerations

Waste Disposal Methods:DO NOT INCINERATE. BROKEN OR LEAKING BATTERIES MAY CONSTITUTE HAZARDOUS WASTE. CONSULT WASTE DISPOSAL OFFICIALS FOR ADVICE.

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ith this information by the compiling agencies):

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