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## EVEREADY BATTERY CO INC -- CARBON-ZINC BATTERY -- 6135-00-985-7845

Product ID:CARBON-ZINC BATTERY

MSDS Date:08/05/1994

FSC:6135

NIIN:00-985-7845

MSDS Number: BWNLG === Responsible Party ===

Company Name: EVEREADY BATTERY CO INC

Address: CHECKERBOARD SQ

City:ST LOUIS State:MO ZIP:63164 Country:US

Info Phone Num:314-982-2000/216-835-7368

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: CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000 Fraction by Wt: 3-7% %

Other REC Limits: NONE RECOMMENDED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9394

Ingred Name: MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000 Fraction by Wt: 15 -31% %

Other REC Limits: NONE RECOMMENDED

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 RECOMMENDED

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 RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1MG/M3/2STEL(FUME)94

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

====== Hazard

s Identification ==========

LD50 LC50 Mixture: NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:SWALLOWING A BATTERY CAN BE HARMFUL.

CONTENTS OF AN OPEN BATTERY CAN CAUSE SERIOUS CHEMICAL BURNS OF THE MOUTH, ESOPHAGUS, GI TRACT, SKIN, EYES AND/OR RESPIRATORY TRACT.

CAUSE GI DISTURBANCES.

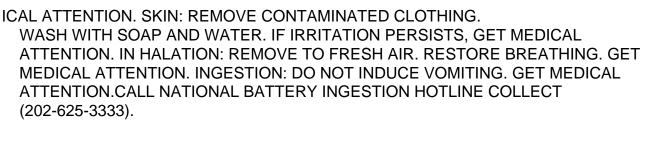
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDI ENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, BURNS OF THE MOUTH, ESOPHAGUS, GI TRACT, SKIN, EYES AND/OR RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MED



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

Flash Point:NONFLAMMABLE Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN

Extinguishing Me

dia: ANY CLASS OF EXTINGUISHING MEDIUM IS APPROPRIATE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:DO NOT USE DIRECT STREAM OF WATER ON FIRE. TOXIC GASES ARE RELEASED DURING COMBUSTION.

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

Spill Release Procedures: COLLECT FOR DISPOSAL. IF BATTERIES HAVE

RUPTURED, USE PROPER PERSONAL PROTECTIVE EQUIPMENT. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, WELL VENTILATED AREA.
ELEVATED TEMPERATURES CAN RESULT IN SHORTENED BATTERY LIFE.
Other Precautions:IF POTTING OR SEALING THE BATTERY IN AN AIRTIGHT OR
WATERTIGHT CONTAINER IS REQUIRED, CONSULT YOUR EVEREADY BATTERY
COMPANY FOR PRECAUTIONARY SUGGESTIONS.

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

Respiratory Protection: NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation: NOT NECESSARY UNDER NORMAL CONDITIONS.

Protective Gloves: NEOPRENE OR NATURAL RUBBER IF LEAKING.

Eye Protection: SAFETY GLASSES OR GOGGLES IF LEAKING.

Other Protective Equipment: AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Su

pplemental Safety and Health

THIS ITEM IS CONSIDERED BY MANUFACTURER TO BE AN ARTICLE. DO NOT DISPOSE IN FIRE, RECHARGE, PUT IN BACKWARDS, MIX WITH USED OR OTHER BATTERY TYPES -- MAY EXPLODE OR LEAK AND CAUSE PERSONAL INJURY. KEE P AWAY FROM SMALL CHILDREN.

======== 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 Rat** 

e & Dr. Reference: NOT GIVEN Solubility in Water: INSOLUBLE

Appearance and Odor:SEALED CELL

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

Stability Indicator/Materials to Avoid:YES NONE SPECIFIED BY MANUFACTURER. Stability Condition to Avoid:EXTREME TEMPERATURES Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONM

ENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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