

EVEREADY BATTERY CO INC -- CLASSIC, SUPER HEAVY DUTY, INDUSTRIAL BATTERY
(CARBON-ZINC) -- 6135-00-880-1026

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

Product ID:CLASSIC, SUPER HEAVY DUTY, INDUSTRIAL BATTERY (CARBON-ZINC)

MSDS Date:03/14/1991

FSC:6135

NIIN:00-880-1026

MSDS Number: BTJCC

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

City:ST LOUIS

State:MO

ZIP:63164

Country:US

Info Phone Num:216-835-7368

Emergency Phone Num:314-982-2000

CAGE:83740

=== Contractor Identification ===

Company Name:EVEREADY BATTERY CO INC

Address:25225 DETROIT ROAD

Box:City:WESTLAKE

State:OH

ZIP:44145

Country:US

Phone:440-835-7368

CAGE:66571

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:MANGANESE DIOXIDE

C

AS:1313-13-9
RTECS #:OP0350000
Fraction by Wt: 15-31%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 CEILING
ACGIH TLV:5 MG/M3 (AS MN DUST)

Ingred Name:MERCURY (SARA III)
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 0-0.03%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05MG/M3 TWA (VAPO)
ACGIH TLV:0.05MG/M3 TWA(VAPOR)
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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 M
G/M3 (FUME)
ACGIH TLV:1MG/M3/2STEL(FUME)94
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 7-42%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15/M3 TWA(DUST NUIS)
ACGIH TLV:10MG/M3TWA(DUST NUI)
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 Carcinoge

nicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CONTENTS OF OPENED BATTERY CAN CAUSE SEVERE SKIN & EYE IRRIT, CHEMICAL EYE BURNS, RESPIR IRRIT, AND SERIOUS CHEMICAL BURNS FO MOUTH, ESOPHAGUS, & GASTROINTESTINAL TRACT.

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

Effects of Overexposure:EYE:IRRIT & CHEMICAL BURNS. SKIN:IRRIT. INHAL:RESPIRATORY IRRIT. INGEST: SERIOUS CHEMICAL BURNS.

Medical Cond Aggravat
ed by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:DO;NOT INDUCE VOMITING NOR GIVE FOOD OR DRINK. SEEK MED ATTN IMMED. CALL NATIONAL BATTERY INGESTION HORLINE:202-625-3333 COLLECT DAY/NIGHT. INHAL:PROVIDE FRESH AIR. CALL DOCTOR. SKIN:REMOVE CON TAMINATED CLOHTING. WASH SKIN W/SOAP & WATER. IF IRRIT PERSISTS, SEEK MED ATTN. EYE:IMMED FLUSH EYEES THOROUGHLY W/WATER FOR @ LEAST 15MINS. SEEK MED A TTN.

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

Flash Point:NOT GIVEN

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:PERMISSIBLE TO USE ANY CLASS OF EXTINGUISHING MEDIUM ON THESE BATTERIES OR THEIR PACKING MATERIAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL EXTERIOR IF EXPOSED TO FIRE TO PREVENT RUPTURE.

Unusual Fire/Explosion Hazard:COMBUSTION/HEAT OF FIRE
MAY PRODUCE HAZ

DECOMPOSITION PRODUCTS & VAPORS.NORMAL USE PRODUCES HYDROGEN WHICH COMBINED W/OXY FROM AIR CAUSES COMBUS/EXP IF NOT VENT

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER. USE NEOPREN OR NATURAL RUBBER GLOVES & WEAR SAFETY GLASSES W/SIDE SHIELDS IF HANDLING AN OPEN OR LEAKING BATTERY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

=====

Handling and Storage Precautions:ACCIDENTAL SHORT CIRCUIT FOR FEW SECS
WILL NOT SERIOUSLY AFFECT BATTERY.PROLONGED SHORT CIRCUIT WILL
CAUSE LOSE OF ENERGY & MAY OPEN SAFETY RELEASE VE

Other Precautions:SHORT CIRCUITS SOURCES:JUMBLED BATTERIES IN BULK
CONTAINERS,METAL JEWELRY,METAL COVERED TABLES/METAL BELTS USED FOR
ASSY OF BATTERIES INTO DEVICES.FOR SOLDER/WELD TO BATTERY CONSULT
EVEREADY FOR PROPE R PRECAUTIONS TO PREVENT SEAL DAM/SHO CI

===== Expos
ure Controls/Personal Protection =====

Respiratory Protection:PER MFG NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation:PER MFG NOT NECESSARY UNDER NORMAL CONDITONS.

Protective Gloves:NOT NECESSARY UNDER NORMAL CONDITIONS.

Eye Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Other Protective Equipment:FOR OPEN/LEAKING BATTERY:USE SAFETY GLASSES
W/SIDE SHILED S & NEOPRENE OR NATURAL RUBBER GLOVES.

Work Hygienic Practices:DON'T OBSTRUCT SAFETY RELEASE
VENTS.ENCAPSULATION(POTTING
)WON'T ALLOW CELL VENTING & MAY CAUSE HI
PRES RUPTURE.

Supplemental Safety and Health

MFG CONSIDERS THIS BATTERY AN ARTICLE AS DEFINED IN 29CFR 1910.1200.
UNDER NORMAL USE, IT DOES NOT RELEASE OR OTHERWISE RESULT IN
EXPOSURE TO A HAZ CHEML. AS AN ARTICLE, BATTERY & CONTENTS NOT
SUBJECT TO REQMTS OF EMERG PLAN & COMM RIGHT-TO-KNOW ACT.

===== 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:NOT GIVEN

===== 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, PHYSICAL DAMAGE, CHARGING,
SHORT CIRCUITS, STATIC SPARKS, S

SOURCES OF IGNITION.

Hazardous Decomposition Products:COMBUSTIBLE PRODUCTS.

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

Waste Disposal Methods:DISPOSE IN LANDFILL OR APPROPRIATE INCINERATION FACILITY IAW ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT DISPOSE IN FIRE.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.