

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

Product ID:CLASSIC,SUPER HEAVY DUTY,INDUSTRIAL

MSDS Date:07/02/1996

FSC:6135

NIIN:00-112-8637

MSDS Number: CFCRQ

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:25225 DETROIT RD

City:WESTLAKE

State:OH

ZIP:44145-2536

Country:US

Info Phone Num:216-835-7368

Emergency Phone Num:216-835-7368

CAGE:66571

=== Contractor Identific

ation ===

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:CARBON BLACK/ACETYLENE 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; 9596

Ingred Name:AMMONIUM CHLORIDE (CERCLA)  
CAS:12125-02-9  
RTECS #:BP4550000  
Fraction by Wt: 0 - 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:10 MG/M3 FUME; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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 313) (CERCLA)  
CAS:7440-66-6  
RTECS #:ZG8600000  
F  
raction by Wt: 7 - 42%  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC CHLORIDE (SARA 313) (CERCLA)  
CAS:7646-85-7  
RTECS #:ZH1400000  
Fraction by Wt: 2 - 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1MG/M3/2STEL(FUME)96  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NOT RELEVANT  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinog

enicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:UNDER NORMAL CONDITIONS OF USE, THE BATTERY IS HERMETICALLY SEALED. IF BROKEN OR IN FIRE: TARGET ORGANS:EYES, SKIN, RESPIRATORY AND GI TRACTS. ACUTE- INGESTION CAN BE HARMFUL. CONTENTS OF AN OPEN BATT ERY CAN CAUSE SERIOUS CHEMICAL BURNS OFGI TRACT, EYES, SKIN AND RESPIRATORY TRACT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:ACETYLENE BLACK IS LISTED AS A POSSIBLE CARCINOGEN BY INTERNATIONA AGENCY FO  
R RESEARCH ON CANCER (IARC) PER  
MSDS.

Effects of Overexposure:NONE IF BATTERY IS NOT BROKEN OR IN FIRE. IF BURNED OR LEAKING: SEVERE IRRITATION, CHEMICAL BURNS, PAIN, NAUSEA, VOMITING, DIARRHEA, DIZZINESS, UNCONSCIOUSNESS, ALLERGIC PULMONARY ASTHMA

Medical Cond Aggravated by Exposure:NOT RELEVANT

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

First Aid:IF INGESTED, DO NOT INDUCE VOMITING NOR GIVE FOOD/DRINK. SEEK MEDICAL ATTENTION IMMEDIATELY. CALL NAT  
IONAL BATTERY INGESTION  
HOTLINE FOR ADVICE (202-625-3333) COLLECT DAY/NIGHT. IF INHALED, PROVIDE FR ESH AIR & CALL A DOCTOR. IF SKIN IS CONTAMINATED, REMOVE CLOTHING & WASH SKIN WITH SOAP & WATER. IF IRRITATION PERSISTS, SEE DOCTOR. FOR EYE, FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. SEE DOCTOR.

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

Flash Point:NOT RELEVANT

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY,  
CARBON DIOXIDE, FOAM OR DRY CHEMICAL  
FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL EXTERIOR OF BATTERIES IF EXPOSED TO FIRE TO PREVENT RUPTURE.

Unusual Fire/Explosion Hazard:BATTERIES MAY RUPTURE.

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

Spill Release Procedures:IF BROKEN, COLLECT AND TRANSFER TO PROPER CONTAINER FOR DISPOSAL. WEAR GLOVES.

Neutralizing Agent:NOT RELE

VANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA.  
ELEVATED TEMPERATURES CAN RESULT IN SHORTENED BATTERY LIFE. KEEP  
OUT OF REACH OF SMALL CHILDREN.

Other Precautions:DO NOT DISPOSE OF IN FIRE, PUT IN BACKWARDS, MIX WITH  
USED/OTHER TYPE. DO NOT TOUCH BROKEN/LEAKING BATTERIES. AVOID  
MECHANICAL/ELECTRICAL ABUSE. DO NOT ATTEMPT TO RECHARGE. AVOID  
SHORT CIRCUITS. DO NOT CARRY BATTERIES LOOSE  
IN POCKET.

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

Respiratory Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation:NOT NECESSARY UNDER NORMAL CONDITIONS.

Protective Gloves:NATURAL RUBBER IF HANDLING LEAKERS

Eye Protection:SAFETY GLASSES+SIDE SHIELDS FOR LEAKERS

Other Protective Equipment:NOT NECESSARY UNDER NORMAL CONDITIONS.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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ANUFACTURER STATES THIS BATTERY IS AN ARTICLE AND, AS SUCH, IS NOT  
SUBJECT TO OSHA HAZARD COMMUNICATION STANDARD REQUIREMENT FOR  
PREPARATION OF A MATERIAL SAFETY DATA SHEET. AS AN ARTICLE, THIS B  
ATTERY AND ITS CONTENTS ARE NOT SUBJECT TO THE REQUIREMENTS OF THE  
EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Decomp Temp:Decomp Text:NOT KNOWN

Spec Gravity:NOT RELEVANT

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scosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:BATTERY/ARTICLE - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

NOT KNOWN

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:NOT KNOWN

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND

FEDERAL REGULATIONS. RECYCLING RECOMMENDED. CALL 1-800-8-BATTERY.

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