

EVEREADY BATTERY CO INC -- CLASSIC,SUPER HEAVY DUTY,INDUSTRIAL,EV 90,HS 90,409,509 --
6135-00-643-1310

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

Product ID:CLASSIC,SUPER HEAVY DUTY,INDUSTRIAL,EV 90,HS 90,409,509

MSDS Date:07/02/1996

FSC:6135

NIIN:00-643-1310

MSDS Number: CFCSX

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:25225 DETROIT RD

City:WESTLAKE

State:OH

ZIP:44145-2536

Co

untry:US

Info Phone Num:216-835-7368

Emergency Phone Num:216-835-7368

CAGE:66571

=== 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:CARBON BLACK/ACETYLEN

E 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 M
N/M3 CEILING
ACGIH TLV:5 MG MN/M3

Ingred Name:ZINC (SARA 313) (CERCLA)
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 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 Carcinogenicity: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 BATTERY CAN CAUSE SERIOUS CHEMICAL BURNS OF GI TRACT, EYES, SKIN AND RESPIRATORY TRACT. CHRONIC- UNKNOWN.

Explanation

of Carcinogenicity:ACETYLENE BLACK IS LISTED AS A POSSIBLE CARCINOGEN BY INTERNATIONAL AGENCY FOR 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 Condition 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 NATIONAL BATTERY INGESTION HOTLINE FOR ADVICE (202-625-3333) COLLECT DAY/NIGHT. IF INHALED, PROVIDE FRESH 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 BATTERY

OKEN, COLLECT AND TRANSFER TO PROPER
CONTAINER FOR DISPOSAL. WEAR GLOVES.
Neutralizing Agent:NOT RELEVANT

===== 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
MECHANIC

AL/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:OBS

ERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THE MANUFACTURER 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 COMUNITY RIGHT-TO-KNOW ACT.

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

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HCC:Z7

NRC/State Lic Num:NOT RELEVANT

Decomp Temp:Decomp Text:NOT KNOWN

Spec Gravity:NOT RELEVANT

Viscosity: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 Consid

erations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. RECYCLING RECOMMENDED. CALL 1-800-8-BATTERY.

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