

BURGESS INC. -- CARBON/ZINC DRY BATTERY BA-56 -- 6135-00-120-1003
===== Product Identification =====

Product ID:CARBON/ZINC DRY BATTERY BA-56

MSDS Date:12/08/1994

FSC:6135

NIIN:00-120-1003

MSDS Number: BVWWG

=== Responsible Party ===

Company Name:BURGESS INC.

Address:FOOT OF EXCHANGE STREET

City:FREEPORT

State:IL

ZIP:61032

Country:US

Info Phone Num:815-235-8000

Emergency Phone Num:815-235-8000

Pr

eparer's Name:DGSC-SHH 804-279-4371

CAGE:0KXZ0

=== Contractor Identification ===

Company Name:BURGESS INC

CAGE:09823

Company Name:BURGESS INC.

Address:FOOT OF EXCHANGE ST.

Box:City:FREEPORT

State:IL

ZIP:61032

Country:US

CAGE:0KXZ0

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

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV45500

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Other REC Limits:NONE RECOMMENDED

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:ZINC CHLORIDE (SARA III)

CAS:7646-85-7

RTECS #:ZH1400000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3/2 STEL

ACGIH TLV:1 MG/M3/2STEL FUME92

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:AMMONIUM CHLORIDE (SARA III)

CAS:12125-02-9

RTECS #:BP4550000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3/20 STEL

ACGIH TLV:10 MG/M3 FUME; 9192

EPA Rp

t Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

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

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

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

Health Hazards Acute and Chronic:THESE BATTERIES ARE MANUFACTURED

"ARTICLES", WHICH DO NOT RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL

UNDER NORMAL CONDITIONS OF USE, AS DEFINED IN OSHA HCS 1910.1200(C). WHEN HANDLING RUPTURED BATTERY DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:IF BATTERY IS BROKEN, FUMES OR DUSTS MAY CAUSE EYES, SKIN AND RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:NONE

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First Aid Measures
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First Aid:IF EXPOSED TO BROKEN BATTERY CONTENTS: SKIN:WASH WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR. INGESTION:GET PROMPT MEDICAL ATTENTION.

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Fire Fighting Measures
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Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting

Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES OF MERCURY, AMMONIA AND METAL OXIDES.

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Accidental Release Measures
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Spill Release Procedures:WEAR GLOVES. PICK UP BROKEN BATTERIES AND TRANSFER TO A CONTAINER FOR LATER DISPOSAL. DO NOT GENERATE DUST.

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Handling and Storage
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Handling and Storage Precautions:STORAGE- DO NOT SHORT CIRCUIT BATTERY. THIS MAY CAUSE RUPTURE OR LEAKAGE. DO NOT ATTEMPT TO RECHARGE. CHARGING MAY CAUSE RUPTURE OR LEAKAGE.

Other Precautions:FOR BROKEN BATTERY: AVOID BREATHING DUSTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF SMALL CHILDREN.

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Exposure Co

ntrols/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

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

Supplemental Safety and Health

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KNOWLEDGE AND BELIEF BUT

IS NOT GUARANTEED TO BE SO. IT IS THE USER'S RESPONSIBILITY TO

TAKE ALL SAFETY PRECAUTIONS AS MAY BE NECESSARY. WE HEREBY DISCLAIM ALL LIABILITY WITH RESPECT TO IT'S USE.

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

HCC:N1

Appearance and Odor:DRY BATTERY

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Stability Condition to Avoid:FIRE, HEAT

Hazardous Decom

position Products:MAY EMIT TOXIC FUMES MERCURY, AMMONIA, OXIDES OF CARBON AND ZINC.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, LOCAL REGULATIONS.

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