

BURGESS INC. (OUT OF BUSINESS) -- Z46HD BATTERY -- 6135-00-334-4500

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Product Identification  
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Product ID:Z46HD BATTERY

MSDS Date:01/01/1987

FSC:6135

NIIN:00-334-4500

MSDS Number: BRFNJ

=== Responsible Party ===

Company Name:BURGESS INC. (OUT OF BUSINESS)

Address:1315 N. BOLTON ROAD

City:FREEPORT

State:IL

ZIP:61032

Country:US

Info Phone Num:804-279-4371 (DGSC-SSH)

Emergency Phone Num:202

-625-3333(NATIONAL POISON CTR)

Preparer's Name:DGSC-SSH

CAGE:KO062

=== Contractor Identification ===

Company Name:BURGESS INC

CAGE:09823

Company Name:BURGESS INC. (OUT OF BUSINESS)

Address:FOOT OF EXCHANGE STREET

Box:City:FREEPORT

State:IL

ZIP:61032

Country:US

Phone:815-235-8000

CAGE:KO062

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Composition/Information on Ingredients  
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Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: 0.01%

Other REC Limits:NONE SPECIFIED

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  
Fraction by Wt: 4.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3/2 STEL  
ACGIH TLV:1 MG/M3/2STEL FUME93  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:AMMONIUM CHLORIDE (SARA III)  
CAS:12125-02-9  
RTECS #:BP4550000  
Fraction by Wt: 4.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 MG/M3/20 STEL  
ACGIH TLV:10 MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt  
Qty:5000 LBS

Ingred Name:MANGANESE DIOXIDE  
CAS:1313-13-9  
RTECS #:OP0350000  
Fraction by Wt: 29.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 CEILING  
ACGIH TLV:5 MG/M3 (AS MN DUST)

Ingred Name:GRAPHITE, SYNTHETIC  
CAS:7440-44-0  
RTECS #:FF5250100  
Fraction by Wt: 11.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carc

inogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:BATTERIES ARE MANUFACTURED "ARTICLES", AND ARE NONHAZARDOUS. THEY MAY BECOME HAZARDOUS IF OPENED INTENTIONALLY OR ARE RUPTURED ACCIDENTLY. INGESTION:CAN CAUSE SERIOUS CHEMICAL BURNS OF MOUTH, ESOPHAGU S, AND GASTROINTESTINAL TRACT. INHALATION:RESPIRATORY IRRITATION. SKIN:IRRITATION. EYE:SEVERE IRRITATION/BRUNS.

Effects of Overexposure:FOR EXPOSURE TO A RUPTURED BATTERY: IRRITATION/BURNS OF TISSUES. COU GHING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGESTION:DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY. CALL NATIONAL BATTERY INGESTION HOTLINE (202-625-3333). INHALATION:PROVIDE FRESH AIR AND CALL A DOCTOR. SKIN:REMOVE CONTAMINATED C LOTHING AND WASH SKIN WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF NECESSARY. EYES:IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

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

Extinguishing Media:IN CASE OF FIRE, IT IS PERMISSIBLE TO USE ANY CLASS OF EXTINGUISHING MEDIUM ON THESE BATTERIES OF THEIR PACKING MATERIAL

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:PICK UP BATTERIES FOR REUSE. FOR RUPTURED BATTERIES WEAR PROTECTIVE GLOVES AND SAVE BROKEN BATTERIES IN PLASTIC BAGS FOR DISPOSAL. DO NOT CREATE DUST.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PROLONGED SHORT CIRCUIT WILL CAUSE THE BATTERY TO LOSE ENERGY, AND CAUSE THE SAFETY RELEASE VENT TO OP

EN.

Other Precautions:IF SOLDERING OR WELDING TO THE BATTERY IS REQUIRED,  
CONSULT YOUR EVEREADY BATTERY COMPANY REPRESENTATIVE FOR PROPER  
PRECAUTIONS TO PREVENT SEAL DAMAGE OF SHORT CIRCUIT.

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

Protective Gloves:USE NEOPRENE OR NATURAL RUBBER AS NEEDED

Eye Protection:SAFETY GLASSES IF BATTERY DAMAGED

Other Protective Equipment:NONE

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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BATTERY IS AN ARTICLE AND, AS SUCH, IS NOT SUBJECT TO THE OSHA  
HAZARD COMMUNICATION STANDARD REQUIREMENT FOR A MATERIAL SAFETY  
DATA SHEET. THIS SHEET IS PROVIDED FOR INFORMATION ONLY.

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

HCC:N1

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

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:EXTREME HEAT AND PHYSICAL DAMAGE.

Hazardous Decomposition Products:MERCURY VAPORS

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

Waste Disposal Methods:DISPOSE IN LANDFILL FACILITY IN ACCORDANCE WITH  
ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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