

BURGESS INC. -- BATTERY P/N MODEL CD 64 -- 6140-00-963-4979

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

Product ID: BATTERY P/N MODEL CD 64

MSDS Date: 01/01/1987

FSC: 6140

NIIN: 00-963-4979

MSDS Number: BQQGM

=== 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

Preparer's Name:

e: DGSC-HMIS

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: CADMIUM (SARA III)

CAS: 7440-43-9

RTECS #: EU9800000

OSHA PEL: SEE 1910.1027

ACGIH TLV: 0.01 MG/M3 DUST; 9394

EPA Rpt Qty: 10 LBS

DOT Rpt Qty: 10 LBS

Ingred Name: NICKEL (SARA III)

CAS: 7440-02-0

RTECS #: QR5950000

OSHA

PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
OSHA PEL:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:IF BATTERY LEAKS: IT MAY CAUSE BURNS,  
SEVERE IRRITATION OF SKIN, EYES, MOUTH,  
THROAT, ESOPHAGUS AND  
STOMACH; INFLAMMATION OF BRONCHIAL MEMBRANES. CHRONIC: EROSION OF  
TEETH, INFLAMMATION OF NOSE, THROA T AND BRONCHIAL TUBES.  
Explanation of Carcinogenicity:NICKEL & CADMIUM ARE LISTED AS  
CARCINOGENIC UNDER IARC AND NTP.  
Effects of Overexposure:COUGH, INCREASED RESPIRATORY RATE, STINGING,  
BURNING SENSATION ON SKIN, EYE IRRITATION, DISCOLORATION OF TEETH.  
Medical Cond Aggravated by Exposure:NONE STATED.

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

First Aid:INHALE: REMOVE TO FRESH AIR. CONTACT A PHYSICIAN; EYES: FLUSH  
WITH WATER FOR 15 MINUTES. CONTACT A PHYSICIAN; SKIN: WASH WITH  
LARGE VOLUME OF WATER. MILD ACID MAY BE USED TO NEUTRALIZE; INGEST:  
CONTAC T PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE  
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED POSITIVE PRESSURE  
SELF-CONTAINED BREA

THING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC CADMIUM FUMES MAY BE RELEASED DURING BURNING.

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

Spill Release Procedures:FLUSH ELECTROLYTE SPILLS WITH WATER.  
Neutralizing Agent:USE MILD ACIDS TO NEUTRALIZE.

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

Handling and Storage Precautions:DO NOT BREAK OPEN BATTERY CELL.  
Other Precautions:DO NOT INCINERATE OR MUTILATE. DO NOT SHORT CIRCUIT -  
MAY CAUSE BURNS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF LEAKS & TLV IS EXCEEDED, USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.  
Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.  
Protective Gloves:NEOPRENE OR PVC.  
Eye Protection:GOGGLES  
Other Protective Equipment:NONE STATED.  
Work Hygienic Practices:NONE STATED.  
Supplemental Safety and Health  
BURGESS INC. CAGE# 09823 H  
AS BEEN PLACED INTO FULL BANKRUPTCY. THIS MSDS IS MADE FROM A SIMILAR ITEM OF SAME NSN WHICH CONTAINED NICKEL CADMIUM PLATE MATERIAL WITH ALKALINE ELECTROLYTE. THIS MSDS MAY OR MAY NOT REPRESENT THE EXACT INGREDIENTS AND SPECIFIC ELEMENTS FOR THIS ITEM. THIS MSDS GENERATED BY DGSC-HMIS.

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

HCC:Z5  
pH:>7  
Solubility in Water:INSOLUBLE  
Appearance and Odor:SOLID BATTERY.

===== Stability and Reactivity D

ata =====

Stability Indicator/Materials to Avoid: YES

NONE STATED.

Stability Condition to Avoid: NONE STATED.

Hazardous Decomposition Products: TOXIC FUMES MAY BE RELEASED IF  
INCINERATED.

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

Waste Disposal Methods: CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER.

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL  
REGULATIONS.

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.