

GATES ENERGY PRODUCTS INC -- NICKEL CADMIUM BATTERY 41B035AG00301 --  
6140-01-159-2242

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

Product ID:NICKEL CADMIUM BATTERY 41B035AG00301

MSDS Date:07/06/1990

FSC:6140

NIIN:01-159-2242

MSDS Number: BNVCY

=== Responsible Party ===

Company Name:GATES ENERGY PRODUCTS INC

Address:441 HWY N

Box:861

City:GAINESVILLE

State:FL

ZIP:32602

Country:US

Info Phone Num:904-462-391

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Emergency Phone Num:904-462-3911

CAGE:19209

=== Contractor Identification ===

Company Name:ENERGIZER POWER SYSTEMS (FORMALLY GATES ENERGY PRODUCTS  
INC)

Address:US HWY 411 N

Box:147114

City:GAINESVILLE

State:FL

ZIP:32614-7114

Country:US

Phone:904-462-3911

CAGE:19209

Company Name:HUGHES-PETERS INC

Address:4865 DUCK CREEK RD

Box:27119

City:CINCINNATI

State:OH

ZIP:45227-1421

Country:US

Phone:513-351-2000

CAGE:2B428

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

Ingred N

ame:CADMIUM (SARA III)  
CAS:7440-43-9  
RTECS #:EU9800000  
Other REC Limits:NONE RECOMMENDED  
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  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
D  
OT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: NONE KNOWN OR EXPECTED UNDER  
NORMAL USE CONDITIONS. CHRONIC: NONE KNOWN OR EXPECTED UNDER NORMAL  
USE AND CONDITIONS. CONTACT WITH BATTERY CONTENTS MAY CAUSE SKIN  
IRRITATION AND/OR CORROSIVE EYE DAMAGE.  
Explanation of Carcinogenicity:CADMIUM, NICK  
EL & THEIR COMPOUNDS ARE  
CONSIDERED POTENTIAL HUMAN CARCINOGENS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15  
MINUTES WHILE LIFTING EYELIDS OPEN. IF IRRITATION DEVELOPS OR  
PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND PLENTY OF  
WATER. IF IRRITATION DEVELOPS OR PERSISTS, GET MEDICAL ATTENTION.  
VAPOR INHA

LATION UNLIKELY: REMOVE TO FRESH AIR. GET MEDICAL  
ATTENTION IF REQUIRED. INGESTION: UNLIKELY. GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Extinguishing Media: DRY CHEMICAL, FOAM, CARBON DIOXIDE  
Fire Fighting Procedures: USE DRY CHEMICAL, FOAM OR CO<sub>2</sub> TO EXTINGUISH  
FIRE. WATER SHOULD BE USED TO COOL FIRE-EXPOSED BATTERIES.  
Unusual Fire/Explosion Hazard: CADMIUM, NICKEL AND COBALT FUMES MAY BE  
EVOLVED IN FIRE SITUATIONS.

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Accidental Release Measures  
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Spill Release Procedures: RECOVER PRODUCT AND PLACE IN SUITABLE  
CONTAINER FOR DISPOSAL. AVOID CONDITIONS THAT MAY CAUSE  
SHORT-CIRCUITS. IF BATTERY CONTENTS ARE RELEASED, DO NOT TOUCH  
SPILLED MATERIAL. TAKE UP WITH INERT ABSORBENT AND PLACE IN  
CONTAINER FOR DISPOSAL.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER

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Handling and Storage  
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Handling and Storage Precautions: STORE IN COOL  
, DRY PLACE. DO NOT  
PUNCTURE, MUTILATE OR INCINERATE. PRODUCT MAY BURST RELEASING  
HAZARDOUS MATERIAL. AVOID PROLONGED EXPOSURE TO HEAT.  
Other Precautions: AVOID PROLONGED EXPOSURE TO HUMIDITY.

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Exposure Controls/Personal Protection  
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Respiratory Protection: NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.  
Ventilation: NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.  
Protective Gloves: NONE REQUIRED UNDER NORMAL USE.  
Eye Protection: SAFETY GLASSES RECOMMENDED  
Other Protective Equipment: NONE  
Work Hygienic Practices: NONE.  
Supplemental Safety and Health  
NONE.

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Physical/Chemical Properties  
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HCC: N1  
Evaporation Rate & Reference: N/R (BUOAC = 1)  
Appearance and Odor: SEALED METALLIC CYLINDER, ODORLESS

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid: YES  
Stability Condition to Avoid: AVOID PROLONGED EXPOSURE TO HUMID  
CONDITIONS OR EXCESSIVE HEAT  
Hazardous Decomposition

on Products:OXIDES OF CARBON AND METALLIC OXIDES  
UPON BURNING

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

Waste Disposal Methods:DO NOT INCINERATE. DISPOSE OF I/A/W APPLICABLE  
LOCAL, STATE AND FEDERAL REGULATIONS.

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