

GATES ENERGY PRODUCTS -- NICKEL CADMIUM BATTERY -- 6140-01-020-7288

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Product Identification
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Product ID:NICKEL CADMIUM BATTERY

MSDS Date:07/06/1990

FSC:6140

NIIN:01-020-7288

MSDS Number: BGDZH

=== Responsible Party ===

Company Name:GATES ENERGY PRODUCTS

Address:441 HWY N

Box:861

City:GAINESVILLE

State:FL

ZIP:32602

Country:US

Info Phone Num:(904) 462-3911

Emergency Phone Num:(904) 462-39

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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

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Composition/Information on Ingredients
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Ingred Name:NICKEL (SOLUBLE)
INTENDED CHANGE (IC)

CAS:7440-02-0

RTECS #:QR5950000

Other REC Limits:1 MG/CUM

OSHA PEL:1 MG/CUM

ACGIH TLV:0.05 MG/CUM IC (A1)

Ingred Name:CADM

IUM, CADMIUM PIGMENT (SUSPECTED HUMAN CARCINOGEN BY
ACGIH, IARC & NTP) INTENDED CHANGE (IC)

CAS:7440-43-9

RTECS #:EU9800000

Other REC Limits:A2 CARCINOGEN

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:COBALT

CAS:7440-48-4

RTECS #:GF8750000

Other REC Limits:0.05 PPM

OSHA PEL:0.1 MG/M3;AS CO

ACGIH TLV:0.05 MG/M3;DUST 9293

Ingred Name:POTASSIUM HYDROXIDE

CAS:1310-58-3

RTECS #:TT2100000

Other REC Limits:2 MG/CUM (CEILING)

OSHA PEL:2 MG/

CUM (CEILING)

ACGIH TLV:2 MG/CUM (CEILING)

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:SKIN: IRRITATION & THERMAL BURN. EYES:
CORROSIVE DAMAGE.

Explanation of Carcinogenicity:CADMIUM IS A SUSPECTED HUMAN CARCINOGEN
BY ACGIH.

Effects of Overexposure:SKIN: IRRITATION & THERMAL BU
RN. EYES:
CORROSIVE DAMAGE.

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

First Aid:SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/WATER FOR AT LEAST
15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:DRY CHEMICAL, FOAM OR CO2

Fire Fighting Procedures:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS OPERATED IN POSITIVE PRESSURE MODE & FULL PROTECTIVE
CLOTHING.

Unusual

Fire/Explosion Hazard:CADMIUM/NICKEL/COBALT FUMES MAY BE EVOLVED. MAY SERVE AS IGNITION SOURCE IN FLAMMABLE/EXPLOSIVE ATMOSPHERE. PRODUCT MAY BURST RELEASING HAZARDOUS MATERIAL.

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

Spill Release Procedures:RECOVER PRODUCT & PLACE IN SUITABLE CONTAINER FOR REUSE OR DISPOSAL. AVOID CONDITIONS THAT MAY CAUSE SHORT-CIRCUITING. IF BATTERY CONTENTS ARE RELEASED, DON'T TOUCH SPILLED MATERIAL. TAKE UP W/SAND/OT HER A BSORBENT & PLACE IN CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:DON'T PUNCTURE, MUTILATE, OR INCINERATE. DON'T SHORT-CIRCUIT.
Other Precautions:AVOID EYE & SKIN CONTACT. INHALATION OF DUSTS/VAPORS SHOULD BE AVOIDED.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS.
Ventilation:NONE REQUIRED UNDER NORMAL CONDITIONS.
Protective Gloves:SAFETY GLASSES
Eye Protection:RECOMMENDED
Supplemental Safety and Health

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

HCC:C1
Appearance and Odor:SEALED METALLIC CYLINDER, ODORLESS

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

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:HUMID CONDITIONS, OR EXCESSIVE HEAT
Hazardous Decomposition Products:CO, CO2, & METALLIC OXIDES

===== Disposal Consideratio

ns =====

Waste Disposal Methods: DON'T INCINERATE. DISPOSE OF IN ACCORDANCE
W/LOCAL, STATE, & FEDERAL REGULATIONS.

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