

GATES ENERGY PRODUCTS INC -- SEALED LEAD BATTERY,CLOSED CYLINDRICAL,GE 0 --
6140-01-149-4810

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

Product ID:SEALED LEAD BATTERY,CLOSED CYLINDRICAL,GE 0

MSDS Date:03/01/1990

FSC:6140

NIIN:01-149-4810

MSDS Number: BKMHC

=== Responsible Party ===

Company Name:GATES ENERGY PRODUCTS INC

Address:US HWY 441 N

Box:147114

City:GAINESVILLE

State:FL

ZIP:32614-7114

Country:US

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Info Phone Num:904-462-3911

Emergency Phone Num:904-462-3911/816-429-2165

CAGE:19209

=== Contractor Identification ===

Company Name:ADVANCED INDUSTRIES INC

Address:415 NORTHCUTT STREET

Box:5666

City:LONGVIEW

State:TX

ZIP:75608

Country:US

Phone:214-236-4101

CAGE:0GA21

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:ENGINEERED ASSEMBLIES AND CO

MPONENTS CORP
Address:5289 CAPITAL BLVD
Box:City:RALEIGH
State:NC
ZIP:27604-2925
Country:US
Phone:919-790-9700
CAGE:0AC65

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

Ingred Name:LEAD (SARA III) - LEAD OXIDES
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 69%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA III) ELECTROLYTE
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 21%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NON-HAZARDOUS MATERIALS
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT RELEVANT
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE AND CHRONIC- PRODUCT IS A

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ARTICLE AND IS NOT HAZARDOUS.

Effects of Overexposure:NONE

Medical Cond Aggravated by Exposure:NOT RELEVANT

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First Aid Measures
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First Aid:BATTERY CONTAINS ACID ELECTROLYTE. IF BATTERY CASE IS PUNCTURED, COMPLETELY FLUSH ANY RELEASED MATERIAL FROM SKIN OR EYES WITH WATER.

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Fire Fighting Measures
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Flash Point:NOT RELEVANT

Extinguishing Media:MULTI-PURPOSE DRY CHEMICAL OR MULTI-PURPOSE CARBON DIOXIDE.

Fire Fighting Procedures:COOL BATTERY EXTERIOR TO PREVENT RUPTURE. ACID MISTS AND VAPORS IN A FIRE ARE TOXIC AND CORROSIVE.

Unusual Fire/Explosion Hazard:HYDROGEN GAS MAY BE PRODUCED AND MAY EXPLODE IF IGNITED. REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA.

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Accidental Release Measures
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Spill Release Procedures:AVOID CONTACT WITH ACID MATERIALS. USE SODA ASH OR LIME TO NEUTRALIZE. FLUSH WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:SODA ASH OR LIME.

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Handling and Storage
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Handling and Storage Precautions:HANDLE WITH CARE.

Other Precautions:READ MANUFACTURERS LITERATURE, WHICH IS AVAILABLE UPON REQUEST.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE REQUIRED IF USED AS INTENDED

Ventilation:NONE REQUIRED IF USED AS INTENDED

Protective Gloves:RUBBER, IF BROKEN

Eye Protection:CHEMICAL SPLASH GOGGLES IF LEAKING

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY.

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

Supplemental Safety and Health

THE MANUFACTURER STATES THE GATES SEALED LEAD ACID BATTERY IS DETERMINED TO BE AN "ARTICLE" ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Decomp Temp:Decom

p Text:NOT KNOWN

Spec Gravity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:PRODUCT IS A SEALED DRY CHARGED BATTERY.

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:AVOID SHORTING. USE ONLY APPROVED CHARGING METHODS

Hazardous Decomposition Products:NONE

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

Waste

Disposal Methods:PLACE IN ACID RESISTANT CONTAINERS. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. DO NOT INCINERATE.

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