

GATES ENERGY PRODUCTS INC -- LEAD ACID BATTERY -- 6140-01-353-2265

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

Product ID:LEAD ACID BATTERY

MSDS Date:05/27/1986

FSC:6140

NIIN:01-353-2265

MSDS Number: BNNLK

=== Responsible Party ===

Company Name:GATES ENERGY PRODUCTS INC

Box:114

City:GAINESVILLE

State:FL

ZIP:32602

Country:US

Info Phone Num:904-462-3911

Emergency Phone Num:904-462-3911

CAGE:19209

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1

608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

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:HAWKER ENERGY PRODUCTS INC

Address:617 NORTH RIDGEVIEW DR

Box:City:WARRENSBURG

State:MO

ZIP:64093

Country:US

Phone:660-429-7528 / 800-964-2837

CAGE:0WY95

Company Name:TNR TECHNICAL INC

Address:301

CENTRAL PARK DR  
Box:City:SANFORD  
State:FL  
ZIP:32771  
Country:US  
Phone:407-321-3011  
Contract Num:SP0430-99-M-AG84  
CAGE:1HJ92

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

Ingred Name:LEAD-LEAD OXIDES (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 69%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt:  
21%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THE GATES SEALED LEAD-ACID BATTERY IS  
DETERMINED TO BE AN "ARTICLE" ACCORDING

TO OSHA'S HCS. RISK OF

EXPOSURE OCCURS ONLY IF THE BATTERY IS PHYSICALLY, OR ELECTRICALLY ABUSED. SULFURIC ACID LEAKAGE FROM DAMAGED BATTERY MAY CAUSE SKIN BURN/ON CONTACT. EYE CONTACT MAY CAUSE BURNS AND POSSIBLY PERMANENT EYE INJURY.

Effects of Overexposure:EYES/SKIN: BURNS, SKIN IRRITATION AND EYE DAMAGE. INHALATION: NAZAL AND RESPIRATORY IRRITATION FROM SULFUR OXIDE FUMES. INGESTION: STOMACH IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:BATTERY CONTAINS ACID ELECTROLYTE. NORMALLY, THERE IS EXTREME REMOTE POSSIBILITIES FOR LEAKAGE. IF SULFURIC ACID LEAKAGE CONTACTS EYES, FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. FOR SK IN CONTACT, FLUSH AREA WITH LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media

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

Fire Fighting Procedures:COOL BATTERY EXTERIOR TO PREVENT RUPTURE. ACIDS 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.

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

Spill Release Procedures:AVOID CONTACT WITH ACID MATERIALS. USE SODA ASH OR LIME TO NEUTRALIZ

E. FLUSH WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:SODA ASH, LIME.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE OF CASE MATERIAL. ADHERE TO PROPER CHARGING PROCEDURES.

Other Precautions:READ MANUFACTURERS LITERATURES. WHICH IS AVAILABLE UPON REQUEST.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NONE SPE

CIFIED BY MANUFACTURER.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

THE GATES SEALED LEAD-ACID BATTERY IS DETERMINED TO BE AN "ARTICLE"  
ACCORDING TO OSHA'S HAZARD COMMUNICATION STANDARD AND IS THEREBY  
EXCLUDED FROM ANY REQUIREMENTS OF THE STANDARD. THIS MATERIAL SAFETY  
DATA SHEET IS THEREFORE SUPPLIED FOR INFORMATION ONLY.

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

HCC:N1

Appearance and Odor:SOLID BATTERY

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

Stability Indicator/Materials to Avoid:YES

USE ONLY APPROVED CHARGING METHODS.

Stability Condition to Avoid:AVOID SHORTINGS TERMINALS ON BATTERY. DO  
NOT PUNCTURE BATTERY CASE.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Conditions to Avoid Polymerization:WILL NOT OCCUR. DO NOT PUNCTURE  
BATTERY CASE.

===== 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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