

HAWKER ENERGY PRODUCTS -- CYCLON SEALED LEAD BATTERY (CLOSED CYLINDRICAL),0840-0004 -- 6140-01-301-8773

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

Product ID:CYCLON SEALED LEAD BATTERY (CLOSED CYLINDRICAL),0840-0004
MSDS Date:04/18/1994
FSC:6140
NIIN:01-301-8773
MSDS Number: BTTLR
=== Responsible Party ===
Company Name:HAWKER ENERGY PRODUCTS
City:UNITED KINGDOM
State:MO
ZIP:64093
Country:US
Info Phone Num:800-964-2837
Emergency Phone Num:816-429-2165
CAGE:U6335
=== Co
ntractor Identification ===
Company Name:BATTERY OUTLET INC
Address:1608 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 LTD
Address:STEPHENSON ST
Box:5887
City:NEWPORT GWENT NP9 0XJ
Country:UK
CAGE:U6335

===== Comp

osition/Information on Ingredients =====

Ingred Name:LEAD (SARA III) TOTAL PERCENTAGE OF INGREDIENTS 1 AND
2:56-67
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:LEAD OXIDE
CAS:1309-60-0
RTECS #:OG0700000
Fraction by Wt: SEE # 1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SULFURIC ACID (SARA III)/ELECTROLYTE
CAS:7664-93-9
RTECS #:WS56
00000
Fraction by Wt: 6 - 8%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 26 - 37%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV FOR ACID IS 1 MG/M3.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TAR

GET ORGANS:NONE. ACUTE AND CHRONIC-
NONE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NONE

Medical Cond Aggravated by Exposure:NONE

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

First Aid:BATTERY CONTAINS ACID ELECTROLYTE. IF BATTERY CASE IS RUPTURED/PUNCTURED, COMPLETELY FLUSH ANY RELEASED MATERIAL FROM SKIN OR EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION.

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

Flash Point:

NOT RELEVANT

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE OR WATER SPRAY

Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL BATTERY EXTERIOR WITH WATER SPRAY TO PREVENT RUPTURE.

Unusual Fire/Explosion Hazard:ACID MISTS AND VAPORS IN A FIRE ARE TOXIC AND CORROSIVE. HYDROGEN GAS MAY BE PRODUCED AND MAY EXPLODE IF IGNITED. REMOVE ALL SOURCES OF IGNITION.

===== 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, LIME.

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

Handling and Storage Precautions:STORE BELOW 176F AND ABOVE -40F.

Other Precautions:KEEP OUT OF REACH OF SMALL CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:ADEQUAT

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Protective Gloves:PVC, NEOPRENE IF LEAKING

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS FOR LEAKER

Other Protective Equipment:EYE WASH STATION

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

Supplemental Safety and Health

THIS SEALED LEAD ACID BATTERY IS DETERMINED TO BE AN ARTICLE ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD AND IS THEREBY EXCLUDED FROM ANY REQUIREMNTS OF THE STANDARD. THE MSDS IS SUPPLIED FOR INFORMATION P

URPOSES ONLY. GATES ENERGYHAS BEEN BOUGHT OUT BY HAWKER ENERGY 816-429-2165/FAX-816-429-2253.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:CYLINDRICAL BATTERY; 2.04 INCHES DIAMETER X 5.34 INCHES LONG; 2.0 VOLTS

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

Stability Indicator/Materials to Avoid:YES

Stabi

lity Condition to Avoid:AVOID SHORTING. USE ONLY APPROVED CHARGING METHODS. AVOID TEMPERATURES ABOVE 176F (80C) AND BELOW -40F(-40C).

Hazardous Decomposition Products:HYDROGEN GAS

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

Waste Disposal Methods:PLACE IN ACID RESISTENT CONTAINERS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT DISTRIBUTOR FOR APPROPRIATE PRODUCT RETURN PROCEDURES. DO NOT INCINERATE. BATTERIES MAY BE SHIPPED TO A RECLAMATION FACILITY FOR RECOVERY.

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