

HAWKER ENERGY PRODUCTS INC (GATES ENERGY PRODUCTS, INC) -- SEALED LEAD BATTERY  
(CLOSED CYLINDRICAL) -- 6140-01-441-3512

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

Product ID:SEALED LEAD BATTERY (CLOSED CYLINDRICAL)

MSDS Date:03/01/1990

FSC:6140

NIIN:01-441-3512

Status Code:A

MSDS Number: CLHDP

=== Responsible Party ===

Company Name:HAWKER ENERGY PRODUCTS INC (GATES ENERGY PRODUCTS, INC)

Address:617 NORT

H RIDGEVIEW DR

City:WARRENSBURG

State:MO

ZIP:64093-9301

Country:US

Info Phone Num:800-730-7733

Emergency Phone Num:(816) 429-2165

CAGE:0WY95

=== Contractor Identification ===

Company Name:CELL ENERGY INC

Address:3190-B ORANGE GROVE AVE

Box:City:NORTH HIGHLANDS

State:CA

ZIP:95660-5706

Country:US

Phone:916-484-7974

Contract Num:SP0430-01-M-FL50

CAGE:1U269

Company Name:HAWKER ENERGY PRODUCTS INC

Address:617 NORTH RIDGEVIEW DR

Box:City:WARRENSBURG

State:MO

ZIP:64093

Country:US

Phone:660-429-7528 / 8

00-964-2837  
CAGE:0WY95

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Composition/Information on Ingredients  
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Ingred Name:LEAD - LEAD OXIDES  
= Wt:69.  
ACGIH TLV:0.05 UG/M3

Ingred Name:SULFURIC ACID ELECTROLYTE  
= Wt:21.  
ACGIH TLV:1 MG/M3

Ingred Name:NON-HAZARDOUS MATERIALS  
= Wt:10.

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Hazards Identification  
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Health Hazards Acute and Chronic:NOT APPLICABLE FOR FINISHED PRODUCT  
USED IN NORMAL CONDITIONS. STATEMENT INCLUDED WITH MSDS FROM  
RESPONSIBLE PARTY: "THE  
GATES SEALED LEAD ACID BATTERY IS DETERMINED  
TO BE AN "ARTICLE" ACCORDING TO THE OSHA HAZARD COMMUNICATION  
STANDARD AND IS THEREBY EXCLUDED FROM ANY REQUIREMENTS OF THE  
STANDARD. THE ATTACHED MATERIAL SAFETY DATA SHEET IS THEREFORE  
SUPPLIED FOR INFORMATION PURPOSES ONLY."

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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:NON-FLAMMABLE  
Lower Limits:/A  
Extinguishing Media:MULTI-PURPOSE DRY CHEMICAL OR MULTI-PURPOSE CO2.  
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  
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Measures =====

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.

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

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

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

Supplemental Safety and Health

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

HCC:Z4

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

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:AVOID SHORTING. USE ONLY APPROVED CHARGING METHODS. DO NOT PUNCTURE BATTERY CASE.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

===== MSDS Transport Information =====

Transport Information:AS AN " ARTICLE" THIS PRODUCT IS EXCLUDED FROM ANY REQUIREMENTS OF THE STANDARD. THIS IMPLIES THAT BATTERY MEETS REQUIREMENTS OF REGULATIONS UNDER 49 CFR 173.159(D) AND REQUIRES THAT BATTERIES BE PROTECTED AGAINST SHORT CIRCUITS AND SECURELY PACKAGED AND THE BATTERY AND OUTER PACKAGING PLAINLY AND DURABLY MARKED "NONSPILLABLE" OR "NONSPILLABLE"

BATTERY". ALSO THE BATTERIES  
MUST BE CAPABLE OF WITHSTANDING , WITHOUT LEAKAGE OF BATTERY  
FLUID, THE VIBRATION TEST AND THE PRESSURE DIFFERENTIAL TEST  
SPECIFIED IN 49 CFR 173.159(D)(3)(I) AND (I I).

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