

HAWKER ENERGY PRODUCTS (GATES -- SEALED LEAD BATTERY CYCLON, GENESIS, OR HAWKE

=====

MSDS Safety Information

=====

FSC: 6135
NIIN: 01-131-7064
MSDS Date: 06/01/1998
MSDS Num: CKSVR
Product ID: SEALED LEAD BATTERY CYCLON, GENESIS, OR HAWKER XT
MFN: 01
Article: Y
Responsible Party
Cage: OWY95
Name: HAWKER ENERGY PRODUCTS INC (GATES E
ENERGY PRODUCTS, INC)
Address: 617 NORTH RIDGEVIEW DR
City: WARRENSBURG MO 64093-9301
Info Phone Number: 800-964-2837
Emergency Phone Number: 660-429-2165
Published: Y

=====

Contractor Summary

=====

Cage: OWY95
Name: HAWKER ENERGY PRODUCTS INC
Address: 617 NORTH RIDGEVIEW DR
City: WARRENSBURG MO 64093
Phone: 660-429-7528 / 800-964-2837

=====

Item D
escription Information

=====

Item Manager: S9G
Item Name: BATTERY ASSEMBLY
Unit of Issue: EA
UI Container Qty: 1

=====

Regulated Components

=====

Regulated Component Name: LEAD DIOXIDE
CAS: 1309-60-0
Percent Text: 15-25%
Regulated Component Name: SULFURIC ACID ELECTROLYTE
CAS: 7664-93-9
Percent Text: 15-20%
Regulated Component Name: NON-HAZARDOUS

MATERIALS

Percent Text: 5-10%

Regulated Component Name: LEAD

CAS: 7439-92-1

Percent Text: 45-69%

Health Hazards Data

Route Of Entry Inds - Inhalation: NO

Skin: NO

Ingestion: NO

First Aid: BATTERY CONTAINS ACID ELECTROLYTE WHICH IS ABSORBED IN THE SEPARATOR MATERIAL. IF BATTERY CASE IS PINCTURED, COMPLETELY FLUSH ANY RELEASED MATERIAL FROM SKIN OR EYES WITH WATER.

Handling and Disposal

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

Neutralizing Agent: USE SODA ASH OR LIME TO NEUTRALIZE

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, & LOCAL REGULATIONS. DO NOT INCINERATE. BATTERIES SHOULD BE SHIPPED TO A RECLAMATION FACILITY FOR RECOVERY OF THE METAL AND PLASTIC C

OMPONENTS AS THE PROP ER METHOD OF WASTE MANAGEMENT. CONTACT DISTRUBUTOR FOR APPROPRIATE PRODUCT RETURN PROCEDURE.

Fire and Explosion Hazard Information

Extinguishing Media: MULTIPURPOSE DRY CHEMICAL, CO2, OR WATER SPRAY.

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

Unusual Fire/Explosion Hazard: HY

DROGEN GAS MAY BE PRODUCED AND MAY EXPLODE IF IGNITED. REMOVE ALL SOURCES OF IGNITION.

Control Measures

Physical/Chemical Properties

HCC: Z4

Reactivity Data

St

ability Indicator: YES
Stability Condition To Avoid: AVOID SHORTING. AVOID OVER-CHARGING. USE ONLY
APPROVED CHARGING METHODS. DO NOT CHARGE IN GAS TIGHT CONTAINERS.

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MS

DS Transport Information
=====

Transport Information: HAWKER ENERGY PRODUCTS INC. BATTERIES ARE STARVED
ELECTROLYTE BATTERIES WHICH MEANS THE ELECTROLYTE IS ABSORBED IN THE
SEPARATOR MATERIAL. THE BATTERIES ARE ALSO SEALED. AS OF SEPTEMBER 30, 1995,
HAWK ER ENERGY PRODUCTS INC. BATTERIES WERE CLASSIFIED AS "NONSPILLABLE
BATTERIES," AND AS SUCH ARE NOT SUBJECT TO THE FULL REQUIREMENTS OF 49 CFR
173-159. HAWKER ENERGY PRODUCTS INC. BATTE
RIES HAVE BEEN T ESTED AND
DETERMINED TO BE IN COMPLIANCE WITH THE VIBRATION & PRESSURE DIFFERENTIAL
TESTS CONTAINED IN 49 CFR 173.159(D).

=====
Regulatory Information
=====

=====
Other Information
=====

=====
Transportation Information
==

=====
Responsible Party Cage: OWY95
Trans ID NO: 154589
Product ID: SEALED LEAD BATTERY CYCLON, GENESIS, OR HAWKER XT
MSDS Prepared Date: 06/01/1998
Review Date: 08/31/2000
MFN: 1
Multiple KIT Number: 0
Unit Of Issue: EA
Container QTY: 1

=====
Detail DOT Information
=====

DOT PSN Code: BQR
DOT Proper Shipping Name: BATTERIES, WET, NON-SPILLABLE
DOT

PSN Modifier: ELECTRIC STORAGE
Hazard Class: 8
UN ID Num: UN2800
DOT Packaging Group: III
Label: CORROSIVE
Non Bulk Pack: 159
Bulk Pack: 159
Max Qty Pass: NO LIMIT
Max Qty Cargo: NO LIMIT
Vessel Stow Req: A

=====

Detail IMO Information

=====

IMO PSN Code: BWG
IMO Proper Shipping Name: BATTERIES,WET,NON-SPILLABLE
IMO PSN Modifier: ELECTRIC STORAGE
IMDG Page Number: 8121
UN Number: 2800
UN Hazard C
lass: 8*
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 8-10
MED First Aid Guide NUM: NON

=====

Detail IATA Information

=====

IATA PSN Code: DAB
IATA UN ID Num: 2800
IATA Proper Shipping Name: BATTERIES, WET, NON-SPILLABLE
IATA PSN Modifier: , ELECTRIC STORAGE +
IATA UN Class: 8
IATA Label: CORROSIVE
UN Packing Group: III
Packing Note Passenger: 806
Max Quant Pass: NO LIMIT
Max Qua
nt Cargo: NO LIMIT
Packaging Note Cargo: 806
Exceptions: A48, A67

=====

Detail AFI Information

=====

AFI PSN Code: DAB
AFI Proper Shipping Name: BATTERIES, WET, NON-SPILLABLE
AFI PSN Modifier: , ELECTRIC STORAGE
AFI Hazard Class: 8
AFI UN ID NUM: UN2800
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A12.5

=====

HAZCOM Label

==

=====

Product ID: SEALED LEAD BATTERY CYCLON, GENESIS, OR HAWKER XT

Cage: 0WY95

Company Name: HAWKER ENERGY PRODUCTS INC

Street: 617 NORTH RIDGEVIEW DR

City: WARRENSBURG MO

Zipcode: 64093

Health Emergency Phone: 660-429-2165

Label Required IND: Y

Date Of Label Review: 08/31/2000

Status Code: A

Origination Code: F

Signal Word: NONE

Health Hazard: None

Contact Hazard: None

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGAN

S: N/P. THE HAWKER 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 STAND ARD.

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, st

ates, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.