

HAWKER ENERGY PRODUCTS LTD -- SEALED LEAD-BATTERY BATTERIES -- 6140-01-266-1632

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Product Identification
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Product ID:SEALED LEAD-BATTERY BATTERIES

MSDS Date:09/20/1991

FSC:6140

NIIN:01-266-1632

MSDS Number: BPPGW

=== Responsible Party ===

Company Name:HAWKER ENERGY PRODUCTS LTD

Address:STEPHENSON ST

City:NEWPORT GWENT NP9 OXJ

Country:UK

Info Phone Num:+44 633 277673 (UNITED KINGDOM)

CAGE

:U6335

=== Contractor Identification ===

Company Name:HAWKER ENERGY PRODUCTS LTD

Address:STEPHENSON ST

Box:5887

City:NEWPORT GWENT NP9 OXJ

Country:UK

CAGE:U6335

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Composition/Information on Ingredients
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Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 65%

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)

CAS:7664-93-9

RTECS

#:WS5600000
Fraction by Wt: 25%
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 INGREDIENTS
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:GLASS FIBRE MAT (SEPARATOR) ARE IRRITATING TO SKIN, EYES AND RESPIRATORY SYSTEM. MAY CAUSE PHYSICAL DAMAGE TO EYES AND SKIN.
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:DURING PROPER USE THE BATTERY SHOULD POSE NO HEALTH RISK. EXPOSURE OF THE BATTERY TO FIRE OR CONTAINER DAMAGE CAN HOWEVER, LEAD TO HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== 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. IF EYES ARE AFFECTED OBTAIN MEDICAL ADVICE.

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

Flash Point:NON-COMBUSTIBLE
Extinguishing Media:MULTI-PURPOSE DRY CHEMICAL OR MULTI-PURPOSE CARBON DIOXIDE.
Fire Fighting Procedures:COOL BATTERY EXTERIOR TO PREVENT RUPTURE. SULPHURIC ACID FUMES, SULPHUR DIOXIDE

GAS OR CARBON MONOXIDE MAY BE
RELEASED. WEAR SELF-CONTAINED BREATHING APPARATUS.
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 NEUTRALIZE. FLUSH WITH LARGE AMOUNTS OF WATER.
Neutralizing Agent:SODA ASH OR LIME.

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

Handling and Storage Precautions:DO NOT LIFT BY THE TERMINALS. SHORT
CIRCUITING OF THE BATTERY MUST BE AVOIDED, TO PREVENT THE RISK OF
EXPLOSION AND INJURY.

Other Precautions:DURING CHARGE, NAKED FLAMES AND SPARKS MUST BE
AVOIDED IN THE IMMEDIATE PROXIMITY OF THE BATTERY.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protectiv

e Gloves:USE ACID RESISTANT GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:LONG SLEEVED SHIRT, LONG PANTS, CLOSED
SHOES.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

AN OPERATION AND MAINTENANCE MANUAL, REF. 9602-0459, IS AVAILABLE FROM
HAWKER ENERGY PRODUCTS LTD.

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

HCC:N1

Appearance and Odor:BATTERY, WET, NON-SPILLABLE

===== Stab

ility and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

AVOID ORGANIC SOLVENTS COMING INTO CONTACT WITH BATTERY CONTAINER.

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

Hazardous Decomposition Products: ACRYLONITRILE BUTADIENE STYRENE AND GLASS REINFORCED POLYESTER MAY PRODUCE TOXIC FUMES ON BURNING.

Conditions to Avoid Polymerization: DO NOT PUNCTURE BATTERY CASE

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

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

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