

KUNG LONG BATTERIES INDUSTRIAL CO., LTD. -- M/F RECHARGEABLE SEALED LEAD-ACID BATTERIES -- 6140-01-109-3959

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

Product ID:M/F RECHARGEABLE SEALED LEAD-ACID BATTERIES

MSDS Date:04/11/1998

FSC:6140

NIIN:01-109-3959

Status Code:A

MSDS Number: CKWSD

==== Responsible Party ===

Company Name:KUNG LONG BATTERIES INDUSTRIAL CO., LTD.

Box:10397

City:TAIPEI TAIWAN R.O.C.

Count

ry:TW

Info Phone Num:886-2-5810413

Emergency Phone Num:886-2-5810413

CAGE:TO421

==== Contractor Identification ===

Company Name:KUNG LONG BATTERIES INDUSTRIAL CO., LTD.

Box:10397

City:TAIPEI TAIWAN R.O.C.

Country:TW

Phone:886-2-5810413

CAGE:TO421

Company Name:PLAINVIEW BATTERIES INC

Address:23 NEWTOWN RD

Box:City:PLAINVIEW

State:NY

ZIP:11803

Country:US

Phone:516-249-2873

Contract Num:SP0430-00-M-KP37

CAGE:0LEJ1

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

Ingred Name:LEA

D, LEAD DIOXIDES, LEAD SULFATE

OSHA PEL:0.05 MG/M3, 8H TWA

ACGIH TLV:0.05 MG/M3

Ingred Name:SULFURIC ACID (ELECTROLYTE)

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3

Ingred Name:STYRENE-BUTADIENE COPOLYMER

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:SEVERE BURNS AND EYE DAMAGE FROM
SULFURIC ACID ELECTROLYTE. ILLNESS FROM SULFUR OXIDE FUMES.
CONTAINS LEAD WHICH IS KNOWN TO CAUSE BIR

TH DEFECTS OR OTHER
REPRODUCTIVE HARM.

Explanation of Carcinogenicity:LEAD: A3(IARC, CONFRIMED ANIMAL
CARCINOGEN), SUSPECT HUMAN CARCINOGEN BY NTP. SULFURIC ACID: A2
(IARC), SUSPECT HUMAN CARCINOGEN.

Effects of Overexposure:IRRITATION AND ACID BURNS. PUNGENT ODOR AND
RESPIRATORY IRRITATION.

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

First Aid:FOR SULFUR OXIDE FUMES, DISCONNECT BATTERIES, EVACUATE AND
VENTILATE. EXTERNAL, FLUSH AREAS CONTAMINATED WI
TH SULFURIC ACID

ELECTROLYTE WITH WATER. INTERNAL, DRINK LARGE QUANTITIES OF WATER
OR MILK, F OLLOWED BY MILK OF MAGNESIA, BEATEN EGGS OR VEGETABLE
OIL.

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

Flash Point:DIRECT FLAME

Extinguishing Media:WATER, FOAM, DRY

Fire Fighting Procedures:N/P. HMIS: FIRE FIGHTERS SHOULD WEAR

SELF-CONTAINED BREATHING APPARATUS AND FULL GEAR WHILE FIGHTING
FIRES INVOLVING LARGE NUMBER OF BATTERIES.

Unusual Fire/Explosion Ha

zard:KEEP LIGHTED CIGARETTES, SPARKS, AND
FLAMES AWAY. EXPLOSION CAN RESULT FROM IMPROPER CHARGING AND
IGNITION OF CHARGING GASES. EXPLOSION CAN RESULT IF CHARGED IN GAS
TIGHT ENCLOSURES.

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

Spill Release Procedures:AVOID CONTACT WITH SULFURIC ACID ELECTROLYTE
FROM BATTERY. FLUSH WITH WATER. NEUTRALIZE WITH SOLUTION OF BAKING
SODA IN WATER.

Neutralizing Agent:NEUTRALIZE WITH SOLUTION OF BAKING SODA IN WATER.

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

Handling and Storage Precautions:BATTERIES WITH RELEASED ELECTROLYTE
SHALL BE SEALED IN POLYETHYLENE BAGS. KEEP BATTERIES AWAY FROM
CHILDREN.

Other Precautions:DO NOT CRACK BATTERY CASES. DO NOT OVERCHARGE. DO NOT
SHORT CIRCUIT BATTERY TERMINALS. KEEP LIGHTED CIGARETTES, SPARKS,
AND FLAMES AWAY FROM CHARGING BATTERIES.

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

Protective Gloves:USE RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:RECOMMENDED.

Supplemental Safety and Health

VENDOR'S P/N: WP 2H6

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

HCC:Z4

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

Stability Indicator/Materials to Avoid:YES
SOLVENTS MAY DISSOLVE BATTERY CASE MATERIAL.

Hazardous Decomposition Products:SEVERE OVERCHARGE AND OVERHEATING MAY
CAUSE SULFUR OXIDE FUMES.

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

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Waste Disposal Methods:UNLAWFUL TO DISPOSE IN LANDFILL. DO NOT
INCINERATE, PUNCTURE, DISASSEMBLE OR MUTILATE. DISPOSE WITH
AUTOMOBILE BATTERY SCRAP IN ACCORDANCE WITH LOCAL AND FEDERAL
REGULATIONS.

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

Transport Information:PSN: BATTERY, ELECTRIC STORAGE, WET,
NONSPILLABLE, UN2800.

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