

KUNG LONG BATTERIES INDUSTRIAL CO., LTD -- LONG PN WP24-12/F250 -- 6140-01-346-8316
===== Product Identification =====

Product ID:LONG PN WP24-12/F250

MSDS Date:02/18/1993

FSC:6140

NIIN:01-346-8316

MSDS Number: CCMBT

=== Responsible Party ===

Company Name:KUNG LONG BATTERIES INDUSTRIAL CO., LTD

Box:10397

City:TAIPEI,TAIWAN R.O.C.

Emergency Phone Num:886-2-5810413/800-424-9300(CHEMTRE)

CAGE:JO437

=== Contractor Identification ===

Company Name:KUNG LONG BATTERIES INDUSTRIAL CO INC

Box:10397

City:TAIPEI, TAIWAN

Country:TW

Phone:886-2-5810413

CAGE:JO437

Company Name:PLAINVIEW BATTERIES, INC.

Address:23 NEWTOWN RD.

Box:City:PLAINVIEW

State:NY

ZIP:11803

Country:US

CAGE:OLEJ1

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

Ingred Name:LEAD (SARA 313) (CERCLA)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGI

H TLV:0.05MG/M3, A3; 9596

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:LEAD OXIDES (MSDS CAS #:7439-92-1 WHICH IS FOR LEAD)

Fraction by Wt: 25%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA) 38% (1.28 SG)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 18%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC5

0 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SEVERE BURNS & EYE DAMAGE FROM
SULFURIC ACID ELECTROLYTE.ILLNESS FROM SULFUR OXIDE FUMES.CONTAINS
LEAD WHICH IS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE
HARM.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NA,
NTP/IARC/OSHA:NO.

Effects of Overexposure:IRRITATION & ACID BURNS. PUN
GENT ODOR AND
RESPIRATORY IRRIT.

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

First Aid:FOR SULFUR OXIDE FUMES,DISCONNECT BATTERIES,EVACUATE &
VENTILATE.EXTERNAL FLUSH AREAS CONTAMINATED BY SULFURIC ACID
ELECTROLYTE W/WATER.INTERNAL DRINK LG QUANTITIES OF WATER OR
MILK,FOLLOWED BY MILK O F MAGNESIA,BEATEN EGGES OR VEGETABLE OIL.

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

Flash Point:NP

Autoignition Temp:Autoignition Temp Text:

NP

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:WATER, FOAM, DRY

Unusual Fire/Explosion Hazard:KEEP LIGHTED CIGARETTES,SPARKS & FLAMES AWAY.EXPLO CAN RESULT FROM IMPROPER CHARGING & IGN OF CHARGING GASES. EXPLO CAN RESULT IF CHARGED IN GAS TIGHT ENCLOSURE

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

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

Neutral

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

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

Handling and Storage Precautions:BATTERIES W/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,FLAMES AWAY FROM CHARGING BATTERIES.

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

Ventilation:NATURAL CONVECTION.

Protective Gloves:USE RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:RECOMMENDED.

Supplemental Safety and Health

MANUFACTURER'S MSDS STATES, "THIS PRODUCT IS AN ARTICLE UNDER OSHA".

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

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NP

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility in Water:NA
Appearance and Odor:NA
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
SOLVENTS MAY DISSOLVE BATTERY CASE MATERIAL.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:SEVERE OVERCHARGE AND OVERHEATING MAY
CAUSE SULFUR OXIDE FUMES.

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

Waste Disposal
Methods:UNLAWFUL TO DISPOSE IN LANDFILL.DO NOT
INCINERATE, PUNCTURE,DISASSEMBLY OR MUTILATE.DISPO W/AUTOMATIVE
BATTERY SCRAP IAW LOC/ FED REGS.BATTERIES W/RELEASED ELEC GTROLTYE
SHALL BE SEALED IN POLYETHYLENE BAGS.

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