

Reference No. : EIL-STK-7045/EA (260105 - Y)

Brand : G P (www.gpbatteries.com)

Original Market : Worldwide

Description : Super Alkaline Batteries (Item No. GN24ABLPPF-2SB2 / 24A LR03) 2's Pack

Features : Cd (Cadmium) & Hg (Mercury) Free , Shelf Life Up To 10 Years

Voltage : 15V

Size : AAA

Packing Details : Industrial Use Packages, 2Pcs Per Pack, 100 Pack (200Pcs) Per Inner Box, 5 Inner Box (1,000Pcs) Per Export Case

Total Quantity : 83,000 Pcs.

Origin : Made in China

Trade Term : Ex- Hong Kong Warehouse

**GP**  
ALKALINE  
24A LR03 SIZE/FORMAT AAA 1.5V  
0% MERCURY & CADMIUM /  
0% MERCURE ET DE CADMIUM  
NOT FOR RETAIL SALE / NE PAS VENDRE AU DETAIL  
NE PAS INCINERER /  
NE PAS INCINERER  
Made in China / Fabriqué en Chine.  
Product of Gold Peak Group / Produit de Gold Peak Group  
www.goldpeakgroup.com

NE PAS INCINERER /  
NE PAS INCINERER  
MAY EXPLODE OR LEAK IF  
RECHARGED, DISPOSED OF IN FIRE  
OR DISSECTED. DO NOT INGEST.  
PEUT EXPLOSER OU FUIR SI  
RECHARGEÉ, INCINÉRÉ OU  
DÉMONTÉ. NE PAS INCINERER

**GP**  
ALKALINE /  
24A LR03 SIZE/FORMAT AAA 1.5V  
0% MERCURY & CADMIUM /  
0% MERCURE ET DE CADMIUM

For In...



MAY EXPLODE OR LEAK IF MISUSED. DISPOSED OF IN FIRE OR INCINERATED, DO NOT INGEST.  
MADE IN CHINA. Manufactured with China.  
Warning: Do not dispose of in fire or incinerated. Do not ingest.

MAY EXPLODE OR LEAK IF MISUSED. DISPOSED OF IN FIRE OR INCINERATED, DO NOT INGEST.  
CB ALKALINE  
MADE IN CHINA. Manufactured with China.  
Warning: Do not dispose of in fire or incinerated. Do not ingest.

MADE IN CHINA. Manufactured with China.  
Warning: Do not dispose of in fire or incinerated. Do not ingest.



有限  
SDN

GP  
LINE

place &  
heat  
並遠離熱源

GP  
CI



Zero  
Mercury  
Added

**GP** <sup>®</sup> **SUPER**  
**ALKALINE**  
Industrial Version **BATTERY**

Material No.: GNPCA24AS042  
Item No. : GN24ABLPF-2SB2  
LR03 AAA SIZE 500 EA (1000 pcs)  
[www.gpbatteries.com](http://www.gpbatteries.com)

0% Hg

PO:410014046

SKU: GNPCA24AS042

**GP** **SUPER**  
**ALKALINE**  
Industrial Version **BATTERY**

Material No.: GNPCA24AS042  
Item No. : GN24ABLPF-2SB2  
LR03 AAA SIZE 500 EA (1000 pcs)

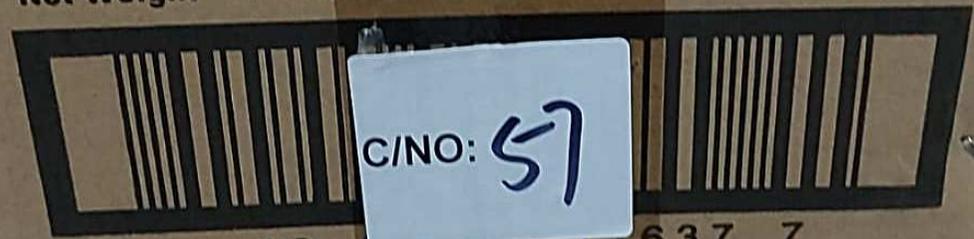
0% Hg

**GP**

For Industrial use only  
Made in China

**0% Hg**  
**Dimension**  
**Gross Wei**  
**Net Weight : 11.3 KGS**

Customer PO# 5210014552  
Customer P/N: BTGN24A  
品名规格: 超霸GP电池AAA (LR03)  
SKU : GNPCA24AS042  
GPI SO: 24028660



0 48 5 11 5 1 1637 7

**0% Hg**  
**GP**

For Industrial use only.  
Made in China

Store under deck, in cool, dry place &  
away from all sources of heat  
請存儲於甲板下涼爽及乾燥處，並遠離熱源

42  
008  
5  
21

GP SUPER ALKALINE  
www.gp.com

請存儲於甲板下  
SIO  
並遠離熱源  
B-16/20/20  
ROIS



MADE IN CHINA  
KALINE  
GP

For Industrial use only.  
Made in China

Store under deck, in cool, dry place &  
away from all sources of heat  
請存儲於甲板下涼爽及乾燥處，並遠離熱源

CHNO: 53

For Industrial use only.  
Made in China

Store under deck, in cool, dry place &  
away from all sources of heat  
請存儲於甲板下涼爽及乾燥處，並遠離熱源

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Made in China

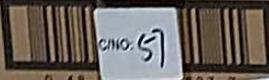
For Industrial use only.  
Made in China





CINO: 54

0% Hg  
Dimension  
Gross Weight  
Net Weight



0% Hg  
P/N: 410014048  
E/N: 01002445042

GP SUPER

CINO: 90

CINO: 132

CINO: 60

# GP Batteries

## Material Safety Data Sheet for GP Cylindrical Alkaline Battery

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IDENTITY (As Used on Label and List) Alkaline batteries 13A(LR20)/14A(LR14)/15A(LR6)/ 24A(LR03)/910A(LR1)/25A(LR8D425)	Note: Blank spaces are not permitted if any item is not applicable or no information is available, the space must be marked to indicate that.
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### Section 1- Identification

Manufacturer's Name  GPI International Ltd. Zhongyin (Ningbo) Battery Co., Ltd. NingboGP & Sonluk Battery Co.,Ltd. GPPD ENERGY COMPANY LIMITED	Telephone Number for information  852-2484-3111
Address (Number, Street, City State, and ZIP Code) 7/F, Building 16W, 16 Science Park West Avenue, Hong Kong Science Park, New Territories. H.K.	Date of prepared and revision 01 Jan, 2024
	Signature of Prepare (optional)

### Section 2 – Hazards Identification

This contains potassium hydroxide solution (KOH), and other combustible materials, all sealed in steel can. For this reason, improper handling of the battery could lead to distortion, leakage\*, overheating, explosion and cause human injury or equipment trouble. Please strictly observe safety instructions. (\*leakage is defined as an unintended escape of liquid from a battery.)

### Section 3 – Composition/Information on Ingredients

Ingredient	CAS#	EINECS No.	Approximate Content (wt%)					
			15A (LR6)	24A (LR03)	14A (LR14)	13A (LR20)	910A (LR1)	25A (LR8D425)
Manganese Dioxide (MnO <sub>2</sub> )	1313-13-9	215-202-6	42.6	40.9	40.6	41.8	34.2	36.0
Zinc (Zn)	7440-66-6	231-175-3	16.1	14.8	16.0	17.4	13.5	17.0
Water (H <sub>2</sub> O)	7732-18-5	231-791-2	12.2	11.7	11.0	11.1	9.5	6.5
Potassium Hydroxide (KOH)	1310-58-3	215-181-3	5.2	4.8	7.0	7.0	4.2	1.3
Graphite	7782-42-5	231-955-3	3.0	1.7	3.2	3.4	3.0	2.3
Brass	12597-71-6	603-111-8	2.4	3.0	1.2	0.8	2.3	3.5
Steel	7439-89-6	231-096-4	15.7	20.4	18.6	16.3	29.5	30.0
Ni-plating	7440-02-0	231-111-4	0.3	0.3	0.2	0.2	0.3	0.6
Nylon-66	32131-17-2	608-706-6	1.6	1.5	1.6	1.4	2.9	2.2
Fiber	None	None	0.9	0.9	0.6	0.6	0.6	0.6



# GP Batteries

## Material Safety Data Sheet for GP Cylindrical Alkaline Battery

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### Section 4 – First Aid Measures

None unless internal materials exposure. If contents are leaked out, observe following instructions:

Inhalation Fumes can cause respiratory irritation. Remove to fresh air and consult a physician.

Skin Immediately flush skin with plenty of water. If itch or irritation by chemical burn persists, consult a physician.

Eyes Immediately flush eye with plenty of water for at least 15 minutes. Consult a physician immediately

Ingestion If swallowing a battery, consult a physician immediately.

If contents come into mouth, immediately rinse by plenty of water and consult a physician.

### Section 5 – Fire-Fighting Measures

Flash Point (Method Used)	Ignition Temp.	Flammable Limits	LEL	UEL
N.A.	N.A.	N.A.	N.A.	N.A.

#### Extinguishing Media

Carbon Dioxide, Dry Chemical or Foam extinguishers

#### Special Fire Fighting Procedures

N.A.

#### Unusual Fire and Explosion Hazards

Do not dispose of battery in fire - may explode.

Do not short-circuit battery - may cause burns.

### Section 6 – Accidental Release Measures

#### Steps to Be Taken in Case Material is Released or Spilled

Batteries that are leakage should be handled with rubber gloves.

Avoid direct contact with electrolyte.

Wear protective clothing and a positive pressure Self-Contained Breathing Apparatus (SCBA).

### Section 7 – Handling and Storage

#### 1) Handling

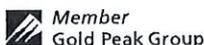
Never swallow. Never charge. Never heat. Never expose to open flame. Never disassemble.

Never reverse the positive and negative terminals when mounting.

Never short-circuit the battery. Never weld the terminal or wire to the body of the battery directly.

Never use different batteries together. Never touch the liquid leaked out of battery.

Never bring fire close to battery liquid. Never keep in touch with battery.



Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

# GP Batteries

## Material Safety Data Sheet for GP Cylindrical Alkaline Battery

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### 2) Storage

Never store the battery in hot and high humid place.

### Section 8- Exposure Controls / Person Protection

Occupational Exposure Limits:	LTEP	STEP
	N.A.	N.A.

Respiratory Protection (Specify Type)	N.A.
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Ventilation	Local Exhausts	Special
	N.A.	N.A.

	Mechanical (General)	Other
	N.A.	N.A.

Protective Gloves	Eye Protection
N.A.	N.A.

Other Protective Clothing or Equipment	N.A.
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Work / Hygienic Practices	N.A.
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### Section 9 - Physical / Chemical Properties

Boiling Point	N.A.	Specific Gravity (H <sub>2</sub> O=1)	N.A.
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Vapor Pressure (mm Hg)	N.A.	Melting Point	N.A.
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Vapor Density (AIR=1)	N.A.	Evaporation Rate (Butyl Acetate)	N.A.
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Solubility in Water	N.A.
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Appearance and Odor	Cylindrical Shape, odorless
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### Section 10 - Stability and Reactivity

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)	
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Hazardous Decomposition or Byproducts	
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Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

# GP Batteries

## Material Safety Data Sheet for GP Cylindrical Alkaline Battery

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### Section 11 – Toxicological Information

Route(s) of	Inhalation?	Skin?	Ingestion?
Entry		N.A.	N.A.

Health Hazard (Acute and Chronic) / Toxicological information

In case of electrolyte leakage, skin will be itchy when contaminated with electrolyte.

In contact with electrolyte can cause severe irritation and chemical burns.

Inhalation of electrolyte vapors may cause irritation of the upper respiratory tract and lungs.

### Section 12 – Ecological Information

N.A.

### Section 13 – Disposal Considerations

Dispose of batteries according to government regulations. Please follow the instructions of proper regulation. As electric capacity is left in a discarded battery and it comes into contact with other metals, it could lead to distortion, leakage, overheating, or explosion, so make sure to cover the (+) and (-) terminals with friction tape or some other insulator before disposal.

### Section 14 – Transportation Information

In general, all batteries in all forms of transportation (ground, air, or ocean) must be packaged in a safe and responsible manner. Regulatory concerns from all agencies for safe packaging require that batteries be packaged in a manner that prevents short circuits and be contained in "strong outer packaging" that prevents spillage of contents. All original packaging for GP alkaline batteries has been designed to be compliant with these regulatory concerns.

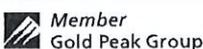
Alkaline batteries (sometimes referred to as "Dry cell" batteries) are not listed as dangerous goods under the ADR European Agreement Concerning the International Carriage of Dangerous Goods by Road, the IMDG International Maritime Dangerous Goods Code, UN Dangerous Good Regulations, IATA Dangerous Goods Regulations, ICAO Technical Instructions and the U.S. hazardous materials regulations (49 CFR). These batteries are not subject to the dangerous goods regulations provided they meet the requirements contained in the following special provisions.

Regulatory Body	Special Provisions
ADR	Not regulated
IMDG	Not regulated
UN	Not regulated
US DOT	49 CFR 172.102 Provision 130
IATA	A123
ICAO	Not regulated

All GP alkaline batteries are packed in such a way to prevent short circuits or the generation of dangerous quantities of heat and meet the special provisions listed above. In addition, the 2024 IATA (65<sup>th</sup> edition) Dangerous Goods Regulations and ICAO Technical Instructions require the words "not restricted" and the Special Provision number A123 be provided on the air waybill, when an air waybill is issued.

### Section 15 – Regulatory Information

Special requirements according to local regulations.



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# GP Batteries

## ***Material Safety Data Sheet for GP Cylindrical Alkaline Battery***

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### **Section 16 – Other Information**

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

### **Section 17 – Measures for fire extinction**

In case of fire, it is permissible to use any class of extinguishing medium on these batteries or their packing material. Cool exterior of batteries if exposed to fire to prevent rupture.

Fire fighters should wear self-contained breathing apparatus.

