

# Contact Sheet



## Europe



### Austria

Tel: + 43 4212 6400  
Sparex GesmbH (ÖSTERREICH)  
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St.Veit / Glan Hunnenbrunn 9300



### Belgium / Lux

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Sparex Belgium Bvba  
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B- 8620 Nieuwpoort



### Denmark

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Sparex Denmark  
Sparex Limited ApS  
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9600 Aars



### France

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Sparex S.A.R.L.  
Zae De Ty Douar  
Communa 29450



### Germany

Tel: + 49 4282 93100  
Sparex Handels- und Vertriebs GmbH  
Hansestraße 22  
Sittensen 27419



### Ireland

Tel: +353 51 855592  
Sparex (Tractor Accessories) Ltd  
Grannagh  
Waterford  
Ireland



### Italy

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Sparex GesmbH (ÖSTERREICH)  
Gewerbezone 11  
St.Veit / Glan Hunnenbrunn 9300



### Netherlands

Tel: + 31 235 841 020  
Sparex Holland BV  
Luzernestraat 19N  
2153 GM Nieuw-Vennep



### Poland

Tel: +48 61 816 19 37  
Sparex Polska Sp. z o.o.  
Ul. Wagrowska 2  
61-369 Poznań



### Portugal

Tel: +351 261 311107  
Sparex Portugal, Importação  
e Comércio de Peças,Lda.  
Lugar da Espera 2565-716 Runa.



### Spain

Tel: + 349 451 33524  
Sparex Agrirepuestos, S.L.  
Bulevar De Salburua 8, 10º B  
01002 Vitoria-Gasteiz (Alava)



### UK

Tel: +44 1392 441338  
Sparex Limited  
Exeter Airport Devon  
Exeter EX5 2LJ

## North America



### Canada

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Tel:1-844-694-8554 (FR)  
Sparex Canada Limited  
o/a Central East Farm Supply  
4168 Hwy 2, RR8  
NEWCASTLE ON L1B 0P7



### USA

Tel: +1 800 443 6472  
Sparex US  
PO Box 510  
Aurora, OH 44202

## Africa



### South Africa

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Cape branch  
35 George Blake St,  
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KZN branch  
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## Australasia



### Australia

Tel: +61 300 710 710  
Sparex Australia Pty Ltd  
81-83 Strzelecki Avenue,  
Sunshine West, VIC 3020



### New Zealand

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Sparex N.Z. Limited  
142 Neilson Street  
Onehunga Auckland

## Sparex Export Markets



### Export

Tel: +44 (0)1392 441 311  
Sparex Limited  
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Devon Exeter EX5 2LJ

# GP Batteries

## Safety Data Sheet for Alkaline 9V Battery

Document Number: SDS101

Revision: 01

Date of prepared: 5 Jan 2016

### Section I – Product and Company Identification

#### Information of Product

<b>Product Identity (used on the label)</b>	Alkaline 9V battery
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#### Information of Manufacturer

<b>Manufacturer's Name</b>	<b>Emergency Telephone Number</b>
GPI International Ltd.	Within USA & Canada call: +1-800-424-9300
	Outside USA and Canada call: +1-703-527-3887
<b>Address (Number, Street, City State, and ZIP Code)</b>	<b>Telephone Number for Information</b>
7/F, Building 16W, 16 Science Park West Avenue, Hong Kong Science Park, New Territories, Hong Kong	+852-24843333
	<b>Date of prepared and revised</b>
	5 <sup>th</sup> Jan 2016

#### Recommended use of chemicals:

N.A.

### Section II – Hazards Identification

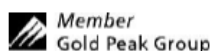
**General advice:** The common known rules for handling of chemicals should be obeyed. These chemicals are contained in a sealed steel can. For consumer use, adequate hazard warnings are printed on both the package and the battery. Potential for exposure should not exist unless the battery leaks, is exposed to high temperatures or is mechanically or electrically abused. Concentrated potassium hydroxide contained is caustic. Anticipated potential leakage of potassium hydroxide is 2-20 ml, depending on battery size. Do not eat and drink batteries. Keep batteries away from small children.

**Physical-Chemical Hazards:** This preparation is not classified as dangerous according to the criteria of directive 99/45/EEC.

**Hazards to man:** If battery leaking, exposure to caustic ingredients may occur. Therefore, may cause sensitization by skin contact.

**Hazards to environment:** N.A..

Remark: "N.A." is indicated if not applicable.



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### Section III – Composition/Information on Ingredients

Chemical Nature: Alkaline zinc-manganese dioxide batteries

MATERIALS	CAS#	APPROXIMATE PERCENT OF TOTAL WEIGHT (~%)	IMPURITY	CAS#	APPROXIMATE PERCENT OF TOTAL WEIGHT (~%)
Manganese Dioxide (MnO <sub>2</sub> )	1313-13-9	33.1	Mercury (Hg)	7439-97-6	<0.0001
Zinc (Zn)	7440-66-6	12.8	Lead (Pb)	7439-92-1	<0.0030
Water (H <sub>2</sub> O)	7732-18-5	6.1	Cadmium (Cd)	7440-43-9	<0.0003
Potassium Hydroxide (KOH)	1310-58-3	1.5	Arsenic (As)	7440-38-2	<0.0001
Graphite	7782-42-5	1.8			
Brass	12597-71-6	4.3			
Steel	7439-89-6	26.8			
Ni-plating	7440-02-0	0.3			
Nylon-66	None	1.3			
Fiber	None	1.2			
PBT plastic	26062-94-2	10.8			

### Section IV – First-aid Measures

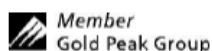
**Inhalation:** In case of excessive inhalation due to leaking batteries remove to fresh air. Obtain medical advice.

**Skin Contact:** If exposed to a leaking battery, remove contaminated clothing. Wash exposed areas with plenty of water and soap. If irritation occurs, consult a physician.

**Eye contact:** If a battery is leaking and materials contact eyes, flush immediately with running water for at least 15 minutes. Consult an ophthalmologist at once.

**Ingestion:** Not anticipated due to size of batteries. Choking may occur with the smaller size batteries. If exposed to a leaking battery, rinse mouth and surrounding areas with running water for at least 15 minutes. Give plenty of water to drink. Do not induce vomiting. Obtain medical advice.

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### Section V – Fire-fighting Measures

Suitable extinguishing media: Carbon dioxide (CO<sub>2</sub>), foam, dry chemical powder.

Extinguishing media not to be used: Never use a direct water jet.

Exposure hazards from combustion products: In case of fire, carbon dioxide, carbon monoxide and other toxic organic substances will be generated. Do not inhale fumes and smoke.

Personal protective equipments: Wear full protective clothing. Use self-contained breathing apparatus.

### Section VI – Accidental Release Measures

Personal precautions: Notify safety personnel of large spills. Caustic potassium hydroxide may be released from leaking or ruptured batteries. Avoid eye or skin contact and inhalation of vapours. Increase the ventilation. Wear protective clothing. Keep unprotected persons away.

Environmental precautions: Avoid discharge and penetration into sewerage systems, waterways, pits, and cellars.

Methods for cleaning up: Collect spilled material with an inert standard absorbent like sand or silica. Care for well-ventilated conditions. Recycle or dispose of the materials in an appropriate way.

### Section VII – Handling and Storage

General handling: Obey the common known rules and precautions for handling with chemicals. Avoid mechanical and electrical abuse. Do not short battery or install incorrectly. Batteries may explode, pyrolize or vent if disassembled, crushed, recharged or exposed to high temperatures. Install batteries according to equipment instructions. Do not mix battery systems, such as alkaline and zinc- carbon. Replace all batteries in equipment at the same time. Do not carry batteries loose in pocket or bag. Do not remove battery labels.

Storage: Store product in well-filled, appropriate coated and tightly closed containers avoiding influence of oxygen/air, light and humidity. Storage at room temperature.

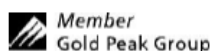
### Section VIII – Exposure Controls/Personal Protection

Exposition/Technical measures: Atmospheric vapour concentrations must be minimized by adequate ventilation.

Protection of hands, eyes and skin: None required under normal use conditions. When handling leaking batteries, use neoprene, rubber or nitrile gloves and wear safety glasses to protect hands, eyes and skin.

General safety and hygiene measures: Use only as directed.

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### Section IX – Physical and Chemical Properties

Physical state: Stainless steel top battery Colour: Contents dark and gray in colour

Odour: N.A.

Melting point: N.A.

Boiling point: N.A.

Flash point: N.A.

Explosion limit: Not available

Ignition temperature: Not available

Vapour pressure: Not available

Specific gravity: N.A.

Solubility in water: N.A.

Solubility in other solvents: N.A.

PH value: Not available

Partition coefficient: Not available

Viscosity: Not available

### Section X – Stability and Reactivity

Thermal decomposition: Batteries may burst and release hazardous decomposition products when exposed to fire.

Substances to avoid: Strong oxidation agents.

Hazardous reactions: Contents incompatible with strong oxidizing agents.

Hazardous decomposition products: Thermal degradation may produce hazardous fumes of zinc and manganese; hydrogen gas; caustic vapors of potassium hydroxide and other toxic by-products.

### Section XI – Toxicological Information

Toxicity information is available on the battery ingredients noted in Section III, but in general, N.A. to intact batteries.

Chronic health effects: N.A.

### Section XII – Ecological Information

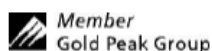
Not available

### Section XIII – Disposal Considerations

Product: Dispose in accordance with appropriate regulations. If in doubt, contact your local government office concerned for information. Do not incinerate, since batteries may explode at excessive temperatures.

### Section XIV – Transport Information

Remark: "N.A." is indicated if not applicable.



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Road (ADR/RID): Not regulated

Air (ICAO/IATA):

IATA DGR (57<sup>th</sup>): Special Provision A123: "Examples of such batteries are: alkali-manganese, zinc-carbon,, nickel-metal hydride and nickel-cadmium batteries. Any electrical battery ... having the potential of a dangerous evolution of heat must be prepared for transport as to prevent (a) a short-circuit (e.g. in the case of batteries, by the effective insulation of exposed terminals...) is forbidden from transport; and (b) accidental activation. The words "Not Restricted" and the Special Provision number must be included in the description of the substance on the Air Waybill as required by 8.2.6, when an Air Waybill is issued."

Sea (IMDG):

IMDG CODE: Special Provision 304 which says: "Batteries, dry, containing corrosive electrolyte which will not flow out of the battery if the battery case is cracked are not subject to the provisions of this Code provided the batteries are securely packed and protected against short-circuits. Examples of such batteries are: alkaline-manganese, zinc-carbon, nickel metal hydride and nickel-cadmium batteries"

These batteries are not regulated by international agencies as hazardous materials or dangerous goods when shipped. A shipping name of "Alkaline Batteries – Non-hazardous" may be used on all domestic and international bills of lading.

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 Pairdeer alkaline batteries has been designed to be compliant with these regulatory concerns.

## Section XV – Regulatory Information

Symbol: N.A.

EC labeling: None

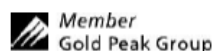
Risk phrases: None

Safety phrases: None

Labeling is not required because cylindrical alkaline batteries are classified as " articles " under the Dangerous Preparations Directive and as such are exempt from the requirements of the Directive.

## Section XVI – Other Information

Remark: "N.A." is indicated if not applicable.



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## ***Safety Data Sheet for Alkaline 9V Battery***

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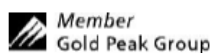
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