

SAFETY DATA SHEET

In accordance with Regulation (EU) No. 2015/830 and Regulation (EC) No. 1272/2008

Storage Solution

Product Code	Product Details	Product Size/Volume
PEB216L	Electrode storage solution	1000 ml

1 – Identification of the substance/mixture and of the company/undertaking

1.1 Product identification

Trade name	pH electrode storage solution
Supplier:	Klipspringer
REACH Number:	A registration number is not available for this substance as the substance or use, except for registration for the annual volume does not require a registration or the registration is equipped with a later registration deadline.

1.2 – Relevant identified uses of the substance or mixture and uses advised against

Recommended Use:	Use as laboratory reagent.
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1.3 – Details of the supplier of the safety data sheet

Company	Klipspringer Ltd
Address	Rynor House, Farthing Road, Ipswich, IP1 5AP
Telephone	01473 461 800
Email	sales@klipspringer.com

1.4 – Emergency telephone number

Emergency contact and telephone	Guy Bush, 07780 493433
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2 – Hazards identification

2.1 – Classification of the substance or mixture

Classification according to Regulation (EC) Nr 1272/2008

Not classified as hazardous.

Classification according to EU Directives 67/548/EEG or 1999/45/EG

This preparation is not classified as hazardous.

2.2 – Label elements according to Directive (EC) Nr 1272/2008

Hazard statements:

No information available.

Safety Precautions:

No information available

Labelling (67/548 / EEG of 1999/45 / EG):

R- phrases:

No information available

S- phrases:

No information available

2.3 Other hazards

No information available.

3 – Composition/information on ingredients

3.1 – Substances

No information available.

3.2 – Mixtures

Component	EC-No.	CAS-No.	Weight %	DSD Classification – 67/548/EEC	CLP Classification – Regulation (EC No. 1272/2008
Water	23-791-2	7732-18-5	70 – 80%	-	-
Potassium Chloride	231-211-8	7447-40-7	20 – 30%	-	-
Potassium Dihydrogen Phosphate	231-913-4	7778-77-0	0 – 10%	-	-

Disodium Hydrogen Phosphate	231-448-7	7558-79-4	0 – 10%	-	-
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4 – First aid measures

4.1 – Description of first aid measures

General Advice	Use first aid treatment according to the nature of the injury. For further assistance, contact your local Poison Control Center. Show this safety data sheet to the doctor in attendance.
Inhalation	Move to fresh air. If symptoms persist, obtain medical attention.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Eye Contact	In case of eye contact, rinse immediately with plenty of water for at least 15 minutes. If symptoms persist, obtain medical attention.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. If symptoms persist, call a physician or Poison Control Center immediately.

4.2 – Most important symptoms and effects, both acute and delayed

Symptoms	No further information available.
Effects	No further information available.

4.3 – Indication of immediate medical attention and special treatment needed

Treatment	No further information available.
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5 – Fire-fighting measures

5.1 – Extinguishing media

Extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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5.2 – Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 – Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

6 – Accidental release measures

6.1 – Personal precautions, protective equipment and emergency procedures.

Use personal protective equipment. Evacuate personnel to safe areas.

6.2 – Environmental precautions

Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

6.3 – Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Prevent further leakage or spillage if safe to do so.

6.4 – Reference to other sections

For additional waste treatment information, see section 13.

7 – Handling and storage

7.1 – Precautions for safe handling

Precaution for safe handling	To avoid risks to human health and the environment, comply with the instructions for use. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation, especially in confined areas.
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7.2 – Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Keep away from direct sunlight.
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7.3 – Specific end uses

Specific use(s)	See section 1.2.
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8 – Exposure controls/personal protection

8.1 – Control parameters

Components with workplace control parameters.	The product contains no substances with occupational exposure limit values.
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8.2 – Exposure controls

Engineering Measures	Use in accordance with current rules and practices with regard to industrial hygiene and safety. Wash hands before breaks and at the end of the working day.
Eye/face Protection	Face protection and safety glasses. Use facial and / or eye protection tested and approved by official institutions such as NIOSH (US) or EN 166 (EU).
Skin and body protection	Handle with gloves. Inspect gloves prior to use. Pull gloves neatly out without touching the outside with bare hands. Dispose gloves immediately according to the applicable laboratory regulations. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686 / EEC and the standard EN 374 derived from it. Full contact material: Nitrile rubber Minimum layer thickness: 0.11 mm Breakthrough time: 480 min.
Respiratory Protection	Provide adequate ventilation.
Environmental exposure controls	Prevent product from entering drains.

9 – Physical and chemical properties

9.1 – Information on basic physical and chemical properties

Appearance	Colorless liquid
Odour	No specific odour
Odour Threshold	No information available
pH	Not applicable.
Melting point/freezing point	No information available
Boiling Point/Range	Not applicable.
Flash Point	No information available
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	No information available
Vapor pressure	No information available
Vapor Density	No information available
Specific Gravity	at 20°C approx. 1.1 g/ml
Water solubility	Soluble
Partition coefficient n-octanol / water	No information available

Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

9.2 – Other information

Explosive properties	No information available
Oxidizing characteristics	No information available
Auto-ignition temperature	No information available
Solid content	No information available
Water content	No information available
Evaporation rate	No information available

10.0 – Stability and reactivity

10.1 – Reactivity

Reactivity	No data available.
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10.2 – Chemical stability

Chemical stability	Stable under normal conditions.
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10.3 – Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal processing
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10.4 – Conditions to avoid

Conditions to avoid	Extremes of temperature and direct sunlight.
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10.5 – Incompatible materials

Incompatible materials	Metals
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10.6 – Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition can lead to release of irritating gases and vapors.
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11.0 – Toxicological information

11.1 – Information on toxicological effects

Acute Toxicity	No information available
Skin Corrosion/Irritation	No information available
Serious eye damage/eye irritation	No information available
Sensitization	No information available
Carcinogenic effects	No information available
Mutagenic Effects	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration hazard	No information available
Additional Information	No information available

12.0 – Ecological information

12.1 – Toxicity

No information available

12.2 – Persistence and degradability

No information available

12.3 – Bio accumulative potential

No information available

12.4 – Mobility in soil

No information available

12.5 – Results of PBT and vPvB assessment

No information available

126 – Other adverse effects

No information available

13.0 – Disposal considerations

13.1 – Waste treatment methods

Product	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Dispose of as unused product.

14.0 – Transport information

14.1 – UN-number

ADR/RID	-
IMDG	-
IATA	-

14.2 – Proper shipping name

ADR/RID	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.3 – Hazard classes

ADR/RID	-
IMDG	-
IATA	-

14.4 – Packaging group

ADR/RID	-
IMDG	-
IATA	-

14.5 – Environmental hazards

ADR/RID	No
IMDG	Marine pollutant: No
IATA	No

14.6 – Special Provisions

No information available.

14.7 – Transport in bulk

No information available.

15.0 – Regulatory information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 – Safety, health and environmental regulations specific for the substance or mixture.

No information available.

15.2 – Chemical safety assessments

For this product no chemical safety assessment has been carried out.


16.0 – Other information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

This document was prepared on behalf of Klipspringer Ltd and the information included is provided in good faith and to the best of our knowledge correct at the time of writing. Klipspringer Ltd offers the information within this document as a guide only, and it does not represent any guarantee of the prescribed products in the sense of legal guaranteed relations. Klipspringer Ltd accepts no liability resulting from this document. It is the responsibility of the end user to ensure the items purchased are suitable for the intended application.

Supplier	Klipspringer Ltd
Address	Rynor House, Farthing Road, Ipswich, Suffolk, UK. IP1 5AP.
Telephone	+44 (0) 1473 461 800
Email	sales@klipspringer.com
Website	www.klipspringer.com

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Sheena Britton Technical Compliance Manager Klipspringer 10-02-22		Date of Issue	11-04-2023
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