

SAFETY DATA SHEET

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

Electrode Storage Solution

Product Code	Product Details	Product Size/Volume
PEB216	Electrode Storage Solution	150ml
PEB216L	Electrode Storage Solution	1000ml

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

1.1 Product identification

Substance name	Electrode Soaking/Storage Solution
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1.2 – Relevant identified uses of the substance or mixture and uses advised against

Use material	Soaking/storage solution for electrodes
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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

Labelling according to Regulation (EC) No. 1272/2008.

2.2 – Label elements

Not a hazardous substance or mixture.

2.3 – Other Hazards

None.

3 – Composition/information on ingredients

3.1 – Substances

Name	Potassium Chloride
Formula	KCl
CAS No.	7447-40-7
Concentration	>14.5%
Name	Water
Formula	H ₂ O
CAS No.	7732-18-5
Concentration	<85.5%

3.2 – Mixtures

Not classified as hazardous.

4 – First aid measures

4.1 – Description of first aid measures

In case of eye contact	Flush eyes thoroughly with water.
In case of swallowing	Rinse mouth with water. Consult a physician.

5 – Fire-fighting measures

5.1 – Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder, carbon dioxide
Unsuitable extinguishing media	Nothing specified.

5.2 – Special hazards arising from the substance or mixture

Specific hazards during fire-fighting	Hazardous combustion products At high temperatures potential release of hydrogen chloride gas
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5.3 – Advice for fire-fighters

Special protective equipment for fire-fighters	Wear breathing apparatus if necessary
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6 – Accidental release measures

6.1 – Accidental release measures

Personal precautions	Use suitable laboratory precautions
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6.2 – Environmental precautions

Environmental precautions	Do not allow to enter drains
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6.3 – Methods and materials for containment and cleaning up

Use suitable absorbent material and dispose of safely.

7 – Handling and storage

7.1 – Precautions for safe handling

Precaution for safe handling	No specific precautions other than normal laboratory precautions.
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7.2 – Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Keep sealed in container as supplied.
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7.3 – Specific end uses

Specific use(s)	No other uses other than those specified in section 1.2.
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8 – Exposure controls/personal protection

8.1 – Control parameters

Exposure data source(s)	No hazardous components.
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8.2 – Exposure controls

General Protective and Hygienic Measures

Usual precautionary laboratory methods for handling chemicals should be followed.

Personal Protective Equipment

Respiratory protection	No special precautions required.
Body protection	No special precautions required.
Eye protection	Use suitable laboratory standard eye protection.
Skin protection	Handle with gloves.

Environmental Exposure Controls

Do not allow to enter drains.

9 – Physical and chemical properties

9.1 – Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless
Odour	Odourless
Odour Threshold	Not determined
pH value	Not determined.
Melting point	Not applicable.
Initial boiling point	Not applicable.
Flashpoint	Not applicable.
Upper flammability limit	Not applicable.
Lower flammability limit	Not applicable.

Auto ignition	Not applicable.
Explosive properties	Not determined.
Oxidising properties	Not determined.
Vapour pressure	Not applicable.
Relative density	Not applicable.
Water solubility	Not determined.

9.2 – Other information

Other information	No data available.
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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 known.
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10.4 – Conditions to avoid

Conditions to avoid	No relevant information available.
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10.5 – Incompatible materials

Incompatible materials	Strong oxidizing reagents.
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10.6 – Hazardous decomposition products

Hazardous decomposition products	In the event of fire, see section 5.
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11.0 – Toxicological information

11.1 – Information on toxicological effects

Eyes	Eye irritation
Skin	No data available.
Acute Toxicity	No data available.
Sensitisation	No data available.
Toxicity	No data available.
Aspiration Hazard	No data available.
Carcinogenicity	No data available.
Mutagenicity	No data available.
Reproductive Effects	No data available.

12.0 – Ecological information

12.1 – Toxicity

Toxicity	No data available.
LC50 Algal	Not available.
LC52 Crustacea	Not available.
LC50 Fish	Not available.

12.2 – Persistence and degradability

Persistence and degradability	No data available.
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12.3 – Bio accumulative potential

Bio accumulative potential	No data available.
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12.4 – Mobility in soil

Mobility in soil	Highly mobile in soil.
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12.5 – Results of PBT and vPvB assessment

PBT	No data available.
vPvB	No data available.

12.6 – Other adverse effects

Other adverse effects	None known at present.
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13.0 – Disposal considerations

13.1 – Waste treatment methods

Disposal method	Can be disposed of via licensed disposal company.
Contaminated packaging	Can be disposed of via licensed disposal company.

14.0 – Transport information

14.1 – UN-number

UN-number	Non-restricted.
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14.2 – Proper shipping name

Proper shipping name	Non-restricted.
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14.3 – Transport classes

UN classification	None.
Subsidiary hazard(s)	None.
Transport category	None.
ADR Hazard ID	Non-restricted.
Tunnel Restriction code	Non-restricted.

14.4 – Packaging group

Packaging group	None.
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14.5 – Environmental hazards

Environmental hazards	See section 12.
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14.6 – Special precautions for user

Special precautions for user	No special precautions required.
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14.7 – Transport in bulk

Transport in bulk	Not transported in bulk.
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15.0 – Regulatory information

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

Not classified as hazardous under classification, labelling & packaging of substance & mixtures regulations (1272/2008/CE).

15.2 – Chemical safety assessments

Chemical safety assessments	A chemical safety assessment has not been carried out.
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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.

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