



Safety Data Sheet

Date of Issue: 3.01.2022

Date of Expiry: 3.01.2027

1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company Name : ECP Limited
Address : PO Box 34125, Birkenhead, Auckland 0746
Telephone : +64 9 480 4386
Facsimile : +64 9 480 4385
Emergency phone number : 0800 243 622 (24 hours)

Product Name	Electrode Storage
Product Code	1239
CAS No.	7447

Recommended use : Laboratory Investigations

2: Hazard's identification

Hazard classification: Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health, and Safety regulations

3: Composition/information on ingredients

Ingredients:
Chemical Entity CAS No Proportion
Potassium chloride [7447-40-7] <10%
Potassium Hydrogen Phthalate [877-24-7] <10%
Water [7732-18-5] to 100%

4: First aid measures

Safety showers and eye wash facilities should be provided.

Swallowed:

If conscious wash out mouth with water. Seek medical advice. Show this SDS to medical practitioner.

Eye:

Immediately hold eyelids open and flood with water for at least 15 minutes. Obtain medical aid. Show this SDS to medical practitioner.

Skin:

Remove contaminated clothing. Immediately wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Show this SDS to medical practitioner. Launder clothing before reuse.

Inhaled:

Remove from contaminated air. Maintain breathing with artificial respiration if necessary.
Seek medical assistance.
Show this SDS to a doctor.

5: Firefighting measures

Suitable Extinguishing Media:

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Hazards From Combustion Products:

Solution will not burn or support combustion. Decomposition products include oxides of carbon.

Precautions For Fire Fighters and Special Protective Equipment:

Fire fighters and others who may be exposed to combustion products during fire should wear full protective clothing including positive pressure self-contained breathing apparatus (SCBA). Wear SCBA with full face-piece, operated in positive pressure mode when fighting fires.

6: Accidental release measures

Emergency procedures:

Prevent from entering waterways. Restrict access to area. Ventilate area. Remove chemicals that can react with the spilled material.

Methods and materials for containment and clean up:

Use inert material such as sand or earth to contain spill or leak. Absorb spills with chemical absorber or vermiculite and dispose of in accordance with local regulations.

7: Handling and storage

Precautions for Safe Handling:

Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

Conditions for Safe Storage:

Store sealed in original container in a cool well-ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Observe good hygiene and housekeeping practices.

8: Exposure controls/personal protection

National Exposure Standards:

Safe Work Australia – None known

Biological Limit Values: No data available.

Engineering Controls:

Not required with normal use

Personal Protective Equipment (PPE):

The use of nitrile or neoprene gloves complying with AS 2161 and the use of face shield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

9: Physical and chemical properties

Appearance	: Clear liquid
Odour	: Nil
pH	: 4
Boiling Point (0C)	: 100
Freezing/melting Point	: Not applicable
Vapour Pressure (mm of Hg @ 250C)	: Not applicable
Vapour Density	: Not applicable
Specific Gravity	: 1
Flash Point (0C)	: Not flammable
Flammability Limits (%)	: Not flammable
Solubility in Water (g/L)	: Soluble

10: Stability and reactivity

Chemical stability	: Stable.
Conditions to avoid	: Excessive heat.
Incompatible materials:	
Electrode Storage Solution	
Nil	
Hazardous decomposition products	: Refer to section 5 (Fire Fighting Measures).
Hazardous reactions	: Hazardous polymerization will not occur.

11: Toxicological information

Health Effects:

Swallowed	: May be irritating to tissue. Ingestion may cause vomiting, cramps, diarrhoea. Ingestion of large quantities may cause heart condition due to high potassium level.
Eye	: Irritating to eye tissue.
Skin	: May be irritating to skin tissue.
Inhaled	: May be irritating to respiratory tissue.
Chronic Effects	: No data available

12: Ecological information

Ecotoxicity	: No data available.
Persistence and degradability	: No data available.
Mobility	: No data available.

13: Disposal considerations

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

14: Transport Information Table

	ADR/RID – European packaging certification	IMDG International Maritime Dangerous Goods Code	IATA – DGR International Travel Association – Dangerous Goods

				Regulations
14.1	UN Number	Not applicable	Not applicable	Not applicable
14.2	UN Proper Shipping name	Not applicable	Not applicable	Not applicable
14.3	Transport Hazard Class	Not applicable	Not applicable	Not applicable
14.4	Packaging group	Not applicable	Not applicable	Not applicable
14.5	Environmental Hazards	Not applicable	Not applicable	Not applicable
14.6	Special precautions for user	Nil		

15: Regulatory information

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP):
Nil

16: Disclaimer

The information above is believed to be accurate and represents the best information currently available to us. However, the information is not a guarantee expressed or implied, with respect to such information, and we assume no liability resulting from its use. Anyone using the chemical described here should ensure that he or she has the appropriate training and has the expertise and any equipment required for safe handling. If clarification or further information is required, please contact ECP Ltd or refer to the official handler of dangerous goods within your own company. The user should also make their own investigations to determine the suitability of the product for their purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

****END*****END*****END*****END*****END****