

SAFETY DATA SHEET

ELECTROLYTE SOLUTION FOR tc-pO₂/CO₂, ELECTRODE (Code 943-759)

Page 1 of 3

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: ELECTROLYTE SOLUTION FOR tc-pO₂/CO₂, ELECTRODE (Code 943-759)

Application: For non-invasive patient monitoring **Container size:** 10 ml

Supplier: Radiometer America Inc.
810 Sharon Dr
Westlake OH 44145
440-871-8900
800-535-5053 for Emergency

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name:</u>	<u>CAS-number:</u>	<u>%:</u>	<u>Hazard classification:</u>
Potassium chloride	7447-40-7	1- 5	Xi; R36/37/38
Glycerol	56-81-5	30-60	-
Propylene glycol	57-55-6	30-60	-

3. HAZARDS IDENTIFICATION

The hazardous properties of the product are considered to be limited. However, prolonged or frequent contact may cause skin irritation. Hypersensitivity reactions towards propylene glycol have been reported. Ingestion of large doses may cause nausea, vomiting, and thirst.

4. FIRST-AID MEASURES

Inhalation: Move into fresh air and keep at rest.

Skin contact: Remove contaminated clothes and rinse skin thoroughly with water.

Eye contact: Flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of liquid. Keep person under observation. If uncomfortable: Seek hospital and bring along these instructions.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Fire precautions: None specific. Use fire-extinguishing media appropriate for surrounding materials.

Specific hazards: The product is non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes.

Environmental precautions: Not relevant considering the small amounts used.

Methods for cleaning up: Large quantities should not be discharged into the drain but removed with absorbing material.
Flush away spillage with copious amounts of water.
For waste disposal see section 13.

SAFETY DATA SHEET

ELECTROLYTE SOLUTION FOR tc-pO₂/CO₂, ELECTRODE (Code 943-759)

Page 2 of 3

7. HANDLING AND STORAGE

Handling: Observe good industrial hygiene practices.

Storage: Store in closed original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: None specific.

Occupational exposure limits: Propylene glycol: UK long-term limit: 150 ppm (470 mg/m³) total vapour and particulates.
Glycerol: UK long-term limit: 10 mg/m³

Personal protection: Protective gloves are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid

Odour: Odourless

pH: Not available

Melting point: Not available

Boiling point: Not available

Decomposition temperature: Not available

Flash point: Not available

Explosion properties: Not available

Vapour pressure: Not available

Vapour density: Not available

Density: Abt. 1.0 g/ml

Solubility: Miscible

Other: Not available

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions/materials to avoid: Oxidizing agents.

Hazardous decomposition products: Not known.

11. TOXICOLOGICAL INFORMATION

Inhalation: Not relevant at normal room temperatures.

Skin contact: Prolonged contact may cause redness and irritation.
Hypersensitivity has been reported for propylene glycol.

Eye contact: Splashes may irritate.

Ingestion: May irritate and cause malaise.

Long-term effects: None known.

SAFETY DATA SHEET

ELECTROLYTE SOLUTION FOR tc-pO₂/CO₂, ELECTRODE (Code 943-759)

12. ECOLOGICAL INFORMATION

Mobility: The miscibility in water and low P_{ow} is indicative of high mobility in soil.

Degradability: Propylene glycol: THOD: 1.685 g/gO₂.

Ecotoxicity: Propylene glycol: EC₅₀ *Daphnia Magna* > 10 g/l. The bioconcentration has been estimated to be < 1.
Glycerol: LC₅₀ (24 hr.) goldfish > 5 g/l.

13. DISPOSAL CONSIDERATIONS

EWC-code (European Waste Catalogue): 16 05 03
Abfallschlüsselnummern in Austria (ÖNORM S2100): 59305
Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

Not classified as dangerous goods.

15. REGULATORY INFORMATION

Labelling: An assessment by Radiometer Medical A/S on December 3, 2002 has shown that according to EEC Directives 67/548/EEC and 88/379/EEC, the product is not liable to classification and labelling.

16. OTHER INFORMATION

Limitations/Restrictions: The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.
This SDS complies with the US ANSI standard (ANSI 2400.1-1993) and the international standard (ISO 11041-1)

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Based on:
Drawing No.: 20427-A4
Version No.: 1

Prepared by:
RADIOMETER MEDICAL A/S

Latest revision date: December 3, 2002