

PERFORMAL-C (UK/EU)

FUNCTIONAL BEVERAGE POWDER BLEND

A specialist ingredient blend intended for use in electrolyte-focused functional beverage recipes. With Sodium Chloride, Potassium Citrate, Magnesium Citrate, and Calcium Lactate, PERFORMAL-C delivers the ingredients commonly sought in products positioned for hydration, electrolyte replenishment, and fluid balance.

Functional Focus

A dry, powdered functional blend designed for use in hydration-oriented beverage formulations. PERFORMAL-C provides a multi-mineral electrolyte system delivering sodium, potassium, magnesium, and calcium, electrolytes commonly used to support fluid balance. Magnesium contributes to normal muscle function, supporting use in active lifestyle and hydration products.

Product Use

PERFORMAL-C is designed for versatility across a wide range of beverage applications. This blend has a slightly salty flavour profile, allowing it to integrate easily into functional drink formulations based on fruit juices and juice drinks, smoothies, flavoured carbonated beverages, sports drinks, and flavoured waters. PERFORMAL-C dissolves readily in water and has minimal colour impact.

Dosage Information: Recommended use levels are provided below for guidance. Please note these are subject to regulatory requirements – refer to the Regulatory Guidance section for further details.

Recommended Dosages for PERFORMAL-C					
Pack size	PERFORMAL-C Dosage:	g per serving (approx.)	3.4 g dose provides (approx.)	NRV	Bioactive compounds provided
330 ml	10.3 g / L	3.4 g	Sodium - 350 mg	*	Sodium ions (Na+)
355 ml	9.6 g / L		Potassium - 190 mg	10%	Potassium ions (K+)
440 ml	7.7 g / L		Calcium - 185 mg	23%	Calcium ions (Ca2+)
473 ml	7.2 g / L		Magnesium - 88 mg	23%	Magnesium (Mg2+)
500 ml	6.8 g / L				
Maximum recommended dose: 6.8 g per day					

*Nutritional Reference Value (NRV) not established

pH Tolerance: Recommended final product pH of ~3.5-4.2 for optimum stability of bioactive ions.

Pasteurization: The blend is compatible with typical beverage pasteurization processes. The heating process may affect the bioactive compounds within product; however, extent is variable depending on methodology.



Blending method: Product should be added pre-carbonation to avoid foaming. To maintain quality of bioactive compounds, adding post-fermentation, pre-carbonation and pasteurization is preferred. However, can be added hot side if pasteurization is not available.

Please note that the usage information provided in this document is based on our current knowledge and is intended only as guidance for formulation and processing. Customers are responsible for the verifying suitability, safety, and stability of this product in their own specific finished product applications. Bevie Partners Limited accepts no liability for any loss or damage arising directly or indirectly from reliance on the information contained in this document.

Packaging

PERFORMAL-C is supplied in 0.5, 1.125, or 3.0kg HDPE tubs. Containers meet all food industry packaging regulations.

Safety

This material is non-hazardous when used as directed. Please note that end consumers are advised to check with their GP or healthcare provider before taking food supplements if they are pregnant, breastfeeding, have any medical conditions or are taking any regularly prescribed medication.

Storage

When stored in a cool, dry place away from direct sunlight and moisture, the shelf-life is 18 months from the manufacture date. Once opened, reseal tightly and use within 30 days.

Regulatory Guidance

This product is supplied for use in the formulation of finished beverage food supplements which must comply with relevant food supplement legislation. The information contained in this document is provided for guidance purposes only and does not constitute regulatory advice. Customers are solely responsible for ensuring the compliance of their finished products with all relevant legislation in their target markets, including but not limited to the following regulations:

European Union:

- Food supplements composition and labelling: Directive 2002/46/EC
- Food information to consumers: Regulation (EU) No 1169/2011
- Nutrition and health claims: Regulation (EC) No 1924/2006

United Kingdom:

- Food supplements: The Food Supplements (England) Regulations 2003 (and devolved equivalents for Scotland and Wales)
- Food information: The Food Information Regulations 2014; Retained Regulation (EU) No 1169/2011 (as amended)
- Nutrition and health claims: The Nutrition and Health Claims (England) Regulations 2007 (as amended 2024)

Customers should seek independent regulatory advice to confirm compliance with all applicable compositional requirements, permitted ingredient lists, maximum use levels, nutrition labelling obligations, and nutrition and health claim regulations in each market in which their finished product is intended to be sold. Bevie Partners Limited accepts no liability for the regulatory compliance of finished products manufactured using these ingredients.

Disclaimer

The information contained in this document is provided in good faith and is, to the best of our knowledge, accurate and current at the date of issue. It is intended for guidance purposes only and is subject to change without notice as new scientific, technical, or regulatory information becomes available.