Fresubin® Hepa DRINK

Tailored for hepatic patients

1.3 kcal/mL oral nutritional supplement for the dietary management of patients with or at risk of malnutrition, in particular liver failure or with risk of hepatic encephalopathy

- 44% branched chain amino acids to counteract hepatic encephalopathy and to improve nutritional status
- Low in volume and sodium to counteract ascites and oedema
- With medium chain triglycerides (MCT) (35% of fat) for easy absorption
- With fibre to maintain gut physiology

For Health Care Professionals only.
Available in Cappuccino flavour in 200 mL EasyBottle

**Prescribing Information**

Food for special medical purposes:

Nutritionally complete, high caloric (1.3 kcal / mL) oral nutritional supplement with fibre, increased in branched chain amino acids, with medium chain triglycerides (MCT). Low in lactose and gluten, with sweeteners. Caffeine content 4.0 mg/100 mL. For the dietary management of patients with or at risk of disease-related malnutrition in particular with acute and chronic liver failure.

**Dosage:**

To be determined by a health care professional according to patients’ needs. Recommendation for supplementary nutrition 2 – 3 bottles / day (520 – 780 kcal) or complete nutrition 7 – 8 bottles / day (1820 – 2080 kcal).

**Important notes:**

To be used under medical supervision. Suitable as sole source of nutrition. Not suitable for children < 3 years. Use with caution in children < 6 years. Not suitable for patients with galactosaemia. Ensure adequate fluid intake. Not for parenteral (IV) use!

**Instruction for use:**

Store at room temperature. Opened bottles may be stored in a refrigerator for up to 24 hours. Best served chilled. Shake well before use. Drink slowly! Packaged in a protective atmosphere.

**Contraindications:**

Not suitable whenever enteral nutrition is not permitted such as in acute gastrointestinal bleeding, ieuus and shock. Use with caution in severe organ failure with impaired metabolism and severe forms of malassimilation. Not suitable for patients with congenital inability to metabolise nutrients contained in Fresubin Hepa DRINK.

Not suitable for children < 3 years. Use with caution in children < 6 years.

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**Important notes:**

Nutritional information:

- Average content
- 100 mL
- Bottle = 200 mL
- Energy value
  - kJ
  - kcal
  - 550
  - (130)
  - (260)
- Fat (33% Energy)
  - of which saturated fatty acids
  - g
  - 4.7
  - 9.4
  - of which medium chain triglycerides (MCT)
  - g
  - 2.0
  - 4.0
  - of which monounsaturated fatty acids
  - g
  - 1.7
  - 3.4
  - of which polyunsaturated fatty acids
  - g
  - 1.4
  - 2.8
- Carbohydrate (53.3% Energy)
  - of which sugars
  - g
  - 17.4
  - 34.8
  - of which lactose
  - g
  - 0.7
  - 1.4
  - g ≤ 0.01 ≤ 0.02
- Protein (12% Energy)
  - of which branched amino acids 44%
  - g
  - 1.93
  - 3.86
- Salt (Na x 2.5)
  - g
  - 0.19
  - 0.38
- Water
  - mL
  - 78
  - 156
- Lactose Content
  - g
  - ≤ 0.1 ≤ 0.2
- Gluten Content
  - ppm
  - ≤ 20
  - ≤ 20
- Osmolarity
  - mosmol/l
  - 360

**Minerals and trace elements**

- Sodium
  - mg
  - 75
  - 150
- Chloride
  - mg
  - 71.5
  - 143
- Potassium
  - mg
  - 120
  - 240
- Calcium
  - mg
  - 80
  - 160
- Phosphorus
  - mg
  - 53
  - 106
- Magnesium
  - mg
  - 27
  - 54
- Iron
  - mg
  - 1.33
  - 2.66
- Zinc
  - mg
  - 1.2
  - 2.4
- Copper
  - µg
  - 130
  - 260
- Iodine
  - µg
  - 13.3
  - 26.6
- Selenium
  - µg
  - 6.67
  - 13.34
- Manganese
  - mg
  - 0.27
  - 0.54
- Chromium
  - µg
  - 6.67
  - 13.34
- Molybdnum
  - µg
  - 10
  - 20
- Fluoride
  - µg
  - 0.13
  - 0.26

**Vitamins and other substances**

- Vitamin A
  - µg RE
  - 92
  - 184
- of which β-carotene
  - µg RE
  - 22
  - 44
- Vitamin D3
  - µg
  - 1.0
  - 2.0
- Vitamin E
  - mg α-TE
  - 1.33
  - 2.66
- Vitamin K1
  - µg
  - 6.67
  - 13.34
- Vitamin C
  - mg
  - 6.67
  - 13.34
- Thiamin (vitamin B1)
  - mg
  - 0.13
  - 0.26
- Riboflavin (vitamin B2)
  - mg
  - 0.17
  - 0.34
- Vitamin B6
  - mg
  - 0.16
  - 0.32
- Niacin
  - mg/mg NE
  - 1.6/2.3
  - 3.2/4.6
- Folic Acid
  - µg
  - 27
  - 54
- Vitamin B12
  - µg
  - 0.27
  - 0.54
- Pantothenic Acid
  - mg
  - 0.47
  - 0.94
- Biotin
  - µg
  - 5.0
  - 10.0
- Choline
  - mg
  - 28
  - 56
- Caffeine
  - mg
  - 4.0
  - 8.0

**Ingredients**

Water, maltodextrin, vegetable oils (rapeseed oil, soya oil), medium chain triglycerides (MCT), soya protein, soya polysaccharides, fructose, glucose, fructose and glucose syrup, maltodextrin from wheat, thickeners (E 407), pectin, carrageenan, tri-calcium phosphate, silicic acid, calcium carbonate, iron sulphate, citric acid, calcium carbonate, calcium citrate, magnesium citrate, sweeteners (sodium cyclamate, sodium saccharin), choline chloride, vitamin C, acidity regulators (E 330), magnesium oxide, calcium carbonate, iron sulphate, thickener (E 407), zinc sulphate, niacin, vitamin B3, manganese chloride, pantothenic acid, sodium fluoride, vitamin B12, vitamin B8, copper sulphate, vitamin B1, 0.3%, B-carotene, folic acid, chromium chloride, sodium molybdate, potassium iodide, sodium selenite, milk and wheat.

**Flavour**

Cappuccino

**References**