

Osmolite HP

1.0 kcal/ml complete, balanced, high protein liquid

PRESENTATION

- Presented in 500 ml (502 kcal) Ready to Hang (RTH) containers.
- Osmolite HP is unflavoured.

USES

Food for Special Medical Purposes, for use under medical supervision. Suitable as a sole source of nutrition or as a nutritional supplement for patients who cannot or will not eat sufficient quantities of everyday food and drink to meet their nutritional requirements.

Nutritionally complete for vitamins and minerals in 1765 ml (excluding electrolytes, calculated using the UK Reference Nutrient Intake for men aged 19-50 years). This value is given as a guide: requirements will vary according to the age, gender and clinical condition of the patient.

STORAGE

- Store unopened at room temperature.
- Avoid prolonged exposure to light.
- Once opened, unused product should be resealed and stored in a refrigerator.
- Unused contents should be discarded after 24 hours.

DIRECTIONS FOR USE

- Ready for use.
- Administer at room temperature for tube feeding.
- The volume/flow rate should be adjusted to meet the patient's nutritional needs and tolerance. This product has a low viscosity and will pass down a fine nasogastric tube.
- For gravity feeding, the use of a Flexiflo gravity gavage set is recommended.
- An Abbott enteral feeding pump may be used in conjunction with the Abbott enteral feeding system where a more accurately controlled delivery of feed is indicated. An ambulatory system is available for use.
- A Flexitainer enteral nutrition container may be used if decanting is necessary.

PRECAUTIONS

- In patients receiving some medications there may be a risk of drug nutrient interactions (e.g. warfarin and vitamin K). Careful prescribing and monitoring practices will serve to reduce the risk (please refer to pharmacist).
- Patients should not make any additions to the feed without consulting their pharmacist or dietitian.
- Unless recommended by a qualified healthcare professional, not intended for use in children.
- When feeding to patients with dysphagia, please thicken the product as appropriate.

CONTRA-INDICATIONS

- FOR ENTERAL USE ONLY
- Do not use in children under 1 year of age.
- Not for use in galactosaemia.
- Suitable for people with diabetes provided that routine glucose checks are performed.

INGREDIENTS

Water, maltodextrin, **milk** proteins, vegetable oils (high oleic sunflower, canola, MCT from palm kernel oil), sucrose, minerals (potassium chloride, potassium citrate, sodium citrate, calcium citrate, magnesium phosphate dibasic, magnesium sulphate, zinc sulphate, calcium phosphate dibasic, potassium phosphate dibasic, ferrous sulphate, calcium carbonate, manganese sulphate, cupric sulphate, sodium molybdate, chromium chloride, sodium selenate, potassium iodide), **soy** protein isolate, flavouring, stabilisers (E460, E466, E418), emulsifier: **soy** lecithin, vitamins (C, E, niacinamide, calcium pantothenate, vitamin A palmitate, B₁, B₂, B₆, folic acid, K₁, biotin, D₃, B₁₂), choline chloride, taurine, L-carnitine.

GENERAL INFORMATION

Energy density	1.0 kcal/ml
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Energy distribution:	
Protein	24.9%
Carbohydrate	51.8%
Fat	23.3%

Renal solute load	484 mOsm/L
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Osmolarity	269 mOsm/L
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Osmolality	319 mOsm/kg H ₂ O
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Gluten free?	✓
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Clinically lactose free?	✓
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Milk free?	✗
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Suitable for vegetarians?	✓ ¹
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Suitable for vegan diet?	✗
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Suitable for Kosher diet?	✓
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Suitable for Halal diet?	✗
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For suitability for other diets and free-from information, please contact the Freephone Nutrition Helpline on 0800 252882.

1. Vitamin D is synthesised from cholesterol, extracted from the grease in wool sheared from live sheep.

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NUTRITION INFORMATION

	units	per 100 ml
Energy	kJ	424
	kcal	100
Fat	g	2.60
- of which saturates	g	0.60
- of which MCT*	g	0.47
Carbohydrate	g	13.0
- of which sugars	g	1.40
Protein (nitrogen)	g	6.26 (1.0)
Salt	g	0.23
Fibre	g	0
Vitamins		
Vitamin A (RE)	µg	212
- of which β-carotene	µg	0
Vitamin D ₃	µg	0.80
Vitamin E (α TE)	mg	2.1
Vitamin K ₁	µg	6.4
Vitamin C	mg	43
Folic acid (folic acid)	µg	20
Thiamin (vitamin B ₁)	mg	0.18
Riboflavin (vitamin B ₂)	mg	0.20
Vitamin B ₆	mg	0.18
Vitamin B ₁₂	µg	0.31
Niacin (NE)	mg	1.9
Pantothenic acid	mg	0.60
Biotin	µg	3.3
Minerals		
Sodium	mg (mmol)	92 (4.00)
Potassium	mg (mmol)	200 (5.12)
Chloride	mg (mmol)	126 (3.55)
Calcium	mg (mmol)	72 (1.80)
Phosphorus (phosphate)	mg (mmol)	67 (2.16)
Magnesium	mg (mmol)	17 (0.70)
Iron	mg	1.4
Zinc	mg	2.6
Manganese	mg	0.35
Copper	mg	0.16
Iodine	µg	12
Selenium	µg	6.0
Chromium	µg	6.8
Molybdenum	µg	12
Taurine	mg	12
L-carnitine	mg	8.0
Choline	mg	48
Water	g	84.6

PROTEIN & AMINO ACIDS

	g/100 g protein	g/100 ml
Protein source		
Sodium caseinate	47.0	2.94
Calcium caseinate	47.0	2.94
Soy protein isolate	6.00	0.38
Amino acids		
- Essential		
Histidine	2.98	0.19
Isoleucine	5.51	0.34
Leucine	9.66	0.60
Lysine	8.04	0.50
Methionine	2.90	0.18
Phenylalanine	5.29	0.33
Threonine	4.41	0.28
Tryptophan	1.12	0.07
Valine	6.93	0.43
Arginine	4.03	0.25
-Non-essential		
Alanine	3.13	0.20
Aspartic acid	3.06	0.19
Cystine	0.60	0.04
Glutamic acid	11.9	0.75
Glycine	2.04	0.13
Proline	10.4	0.65
Serine	6.00	0.38
Tyrosine	5.68	0.36
Asparagine	4.41	0.28
Glutamine	10.1	0.63
Non-protein calorie: N	75 : 1	

CARBOHYDRATES

	% total carbohydrates	g/100 ml
Carbohydrate source		
Maltodextrin	89.2	11.6
Sucrose	9.80	1.27
Carboxymethyl cellulose	1.02	0.13

FAT & FATTY ACIDS

	% total fatty acids	g/100 ml
Fat source		
High oleic sunflower oil	47.9	1.25
Canola oil	28.7	0.75
MCT from palm kernel oil	19.2	0.50
Lecithin	4.27	0.11
Fatty acids		
- Essential		
Linoleic acid	C18:2	10.8
Alpha-linolenic acid	C18:3	2.76
- Monounsaturated		
Palmitoleic acid	C16:1	0.09
Oleic acid	C18:1	56.0
Gadoleic acid	C20:1	0.49
Erucic acid	C22:1	0.21
- Saturated		
Caproic acid	C6:0	0.09
Caprylic acid	C8:0	10.4
Capric acid	C10:0	7.31
Lauric acid	C12:0	0.23
Myristic acid	C14:0	0.09
Palmitic acid	C16:0	3.68
Margaric acid	C17:0	-
Stearic acid	C18:0	2.21
Arachidic acid	C20:0	0.33
Behenic acid	C22:0	0.51
Tricosanoic acid	C23:0	-
Lignoceric acid	C24:0	0.17
P/S ratio	0.54	
n6:n3 ratio	4.0 : 1	

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*medium-chain triglycerides (C6:0 - C12:0)