

Product Information

– for professionals only –



nephea^{AS12} Infant

In Short

- nephea^{AS12} Infant is a Food for Special Medical Purposes (FSMP) for use in the dietary management of Pre-End-Stage Renal Disease (Pre-ESRD) or other conditions of Chronic Kidney Disease (CKD) – in case of concurrent cow's milk protein allergy – based on non-allergenic L-Amino Acids
- for infants, from birth onwards
- protein-modified, elektrolyte-balanced, high energy formula for enteral nutrition in powder form
- free of proteins from cow's milk, egg and wheat
- lactose- and gluten-free
- micronutrients in adequate amounts
- in 400 g tin

Product profile

nephea^{AS12} Infant is a protein-modified, elektrolyte-balanced, high energy formula and tube feed in powder form. nephea^{AS12} Infant is based on non-allergenic L-Amino Acids.

nephea^{AS12} Infant is free of proteins from cow's milk, egg and wheat, and free of lactose and gluten.

nephea^{AS12} Infant is supplemented with vitamins, minerals and trace elements in adequate amounts – balanced for infants in the 1st year of life.

Indication

nephea^{AS12} Infant is a food for special medical purposes, suitable for use in the dietary management of Pre-End-Stage Renal Disease (Pre-ESRD) or other conditions of Chronic Kidney Disease (CKD) in case of concurrent cow's milk protein allergy, where a protein-modified and elektrolyte-defined diet is indicated.

Important Notice Only use under medical supervision. Do not use in case of severe disorders of resorption and digestion. Contains easily digestible carbohydrates. In case of disorders in glucose tolerance use only under careful control of metabolism. Can be given as a sole source of nutrition or as a supplementary feed. For enteral use only.

Dosage and Use

nephea^{AS12} Infant can be given supplementary or according to energy requirements. The daily dosage depends on age and body weight of the infant and should be given in several single

portions. Preferably begin with low, then gradually increasing doses. The individual dosage is calculated on the basis of daily energy requirements according to KDOQI guidelines and the Reference Values for Nutrient Intake (D-A-CH 2000) and should be re-examined and adjusted regularly under medical control. nephea^{AS12} Infant is mainly given as a bottle feed but there are more possibilities for preparation.

Preparation

Measure or rather weigh out amount of powder according to required energy density. See pictograms. nephea^{AS12} Infant dissolves easily in warm water and has a milky taste.

♦ **Bottle Feed** See pictograms.

♦ **Formula or Tube Feed**

Stir required amount of powder into boiled water (cooled down to approx. 40 °C) and dissolve. Use a shaker or whisk where appropriate.

Sip feed: Open shaker. Ready to drink - or pour content into a clean cup for drinking. Tube feed: Standard tubes can be used.

♦ **Pap or Pudding**

nephea^{AS12} Infant can also be prepared as a pap or pudding.

Advice for Dental Health:

Carbohydrates are indispensable for the nutrition of a child. Like breast milk nephea^{AS12} Infant contains carbohydrates. Incorrect use of the bottle (frequent or continuous sucking) however can result in tooth decay (caries) and related damages to tooth health. Thus a bottle feed should

PREPARATION OF A BOTTLE FEED



Clean and boil bottle and teat before use.



Boil water and leave to cool down to approx. 40 °C. Pour water into the bottle.



Loosen the powder with the scoop.



Take powder up loosely with the scoop.



Strip off powder with the back of a knife.



Determine the tara weight of the bottle. Carefully empty the scoop into the bottle. Weigh out and thus verify the amount of powder.



Put the lid safely on the bottle and shake.



Open bottle and fix the teat. Check drinking temperature (cheek test).

Always prepare bottle feed or pap freshly. Do not reuse any rest.

only last for the time required for the food intake. Please advise the parents accordingly.

NUTRITION INFORMATION			
nephea ^{AS12} Infant			
		100 g powder	100 ml ready-to-use*
Energy			
	kJ	2152	323
	kcal	514	77
Fat	g	28	4
of which			
saturates	g	6	0,9
mono-unsaturates	g	13	2
polyunsaturates	g	9	1,3
Carbohydrate	g	55	8
of which sugars	g	1,7	0,25
lactose	g	0	0
maltodextrin	g	48	7
starch	g	8	1,2
Protein	g	12	1,7
Salt	g	0,5	0,08

Vitamins

Vitamin A	µg	335	50
Vitamin D3	µg	9	1,3
Vitamin E	mg	5	0,8
Vitamin K1	µg	22	3
Vitamin C	mg	90	14
Thiamin (Vit. B1)	mg	1,6	0,24
Riboflavin (Vit. B2)	mg	1	0,15
Niacin	mg	16	2,4
Vitamin B6	mg	5	0,8
Folic acid	µg	400	60
Vitamin B12	µg	4,5	0,7
Biotin	µg	150	22
Pantothenic acid	mg	8	1,2

Minerals

Sodium	mg	200	30
	mmol	9	1,3
Potassium	mg	55	8
	mmol	1,4	0,2
Chloride	mg	308	46
	mmol	9	1,3
Calcium	mg	150	22
	mmol	4	0,6
Phosphorus	mg	65	10
	mmol	2	0,3
Magnesium	mg	52	8
	mmol	2	0,3

Trace elements

Iron	mg	6	0,8
Zinc	mg	6	0,8
Copper	mg	0,3	0,05
Manganese	mg	0,3	0,05
Fluoride	mg	0,15	0,022
Selenium	µg	12	1,8

		100 g powder	100 ml ready-to-use*
Chromium	µg	0	0
Molybdenum	µg	25	4
Iodine	µg	88	13
Amino acids	g	14	2
L-Alanine	g	0,5	0,08
L-Arginine	g	0,5	0,08
L-Aspartic acid	g	2,0	0,30
L-Cystine	g	0,3	0,05
L-Glutamine	g	1,8	0,27
L-Glycine	g	0,4	0,06
L-Histidine	g	0,4	0,06
L-Isoleucine	g	0,8	0,12
L-Leucine	g	1,3	0,20
L-Lysine	g	0,9	0,14
L-Methionine	g	0,2	0,03
L-Phenylalanine	g	0,5	0,08
L-Proline	g	1,1	0,17
L-Serine	g	0,7	0,11
L-Threonine	g	0,6	0,09
L-Tryptophan	g	0,3	0,05
L-Tyrosine	g	0,5	0,08
L-Valine	g	0,8	0,12

FURTHER NUTRITION INFORMATION

Taurine	mg	45	7
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Due to the natural raw materials used the nutrition values may vary.

*Standard dilution

15 g nephea^{AS12} Infant + 90 ml drinking water
= 100 ml ready to feed formula.

The spoon enclosed in the tin contains approx.

3,5 – 4 g nephea^{AS12} Infant.

At best always weigh out the amount needed for the preparation of the bottle feed with nephea^{AS12} Infant.

Osmolality

270 mosmol/kg drinking water

INGREDIENTS

Maltodextrin, vegetable oils (rape seed oil, corn oil, palm oil, sunflower oil), modified starch, L-glutamine, L-lysine-L-aspartate, L-leucine, L-proline, L-arginine-L-aspartate, L-valine, L-isoleucine, L-serine, sodium chloride, magnesium L-aspartate, L-threonine, L-alanine, L-histidine, L-tyrosine, L-phenylalanine, glycine, L-tryptophan, L-cystine, L-aspartic acid, L-methionine, calcium carbonate, calcium phosphate, potassium carbonate, vitamin C, taurine, vanillin, emulsifiers: E 472c & sunflower lecithin, ferrous sulphate, niacin, zinc sulphate, pantothenic acid, vitamin B6, vitamin E, vitamin B1, vitamin B2, manganese sulphate, cupric sulphate, sodium fluoride, folic acid, vitamin A, biotin, potassium iodide, sodium molybdate, sodium selenite, vitamin K, vitamin D, vitamin B12.

Delivery Unit	1 x 400 g tin	6 x 400 g tin
Article Number	xx-005-01101	xx-005-01106
Delivery to	Pharmacies, clinics	
Storage	Store in a cool, dry place.	