

Neocate Junior

Description: Neocate Junior is a Food for Special Medical Purposes for use under medical supervision. It is a nutritionally complete, hypoallergenic amino acid based formula for children from one year onwards. Neocate Junior is for the dietary management of Cow's Milk Allergy, multiple food protein allergies and other indications where an amino acid diet is recommended. With sugars and sweeteners. Neocate Junior is available in 400g tins, in three flavours: strawberry, vanilla, and unflavoured.

Indications: For enteral use only. ACBS approved, prescribable on form FP10 (GP10 in Scotland) for the dietary management of proven whole protein allergy, short bowel syndrome, intractable malabsorption and other gastrointestinal disorders where an amino acid diet is recommended, for children from 1 year onwards.

Contraindications: Not suitable for infants under 1 year of age.

Precautions: Must be used under medical supervision. Suitable as a sole source of nutrition or as a supplement to the patient's diet. Serum levels of micronutrients, particularly phosphorus, should be routinely monitored by clinicians when Neocate is used as a primary or sole source of nutrition for patients with complex systemic disease involving multiple diagnoses and intestinal disease, especially in combination with tube feeding and/or a history of prematurity.

Directions for use: The quantity of feed and the dilution of Neocate Junior should be determined by a clinician or dietician only, and is dependent on age, body weight, and medical condition of the patient. The recommended feed concentration is 21.1% w/v (1kcal/ml), e.g. 130ml water plus 32g powder (4 x scoops) makes up a final volume of 150ml. Neocate Junior may also be given in 0.69kcal/ml and 1.26kcal/ml (see table on page 11). One level scoop provides 8g powder. Water or additional fluid should be offered at the same time as Neocate Junior to ensure adequate fluid intake.

Preparation

1. Wash hands, use clean equipment to prepare feed.
2. Measure the required amount of warm or cold water into a container and add the prescribed quantity of Neocate Junior. Use only the scoop provided.
3. Cover and shake the product until the powder has dissolved.
4. Once reconstituted, the feed should be stored in a refrigerator and kept no longer than 24 hours from the time of preparation.
5. Shake or stir immediately before use.

If given orally, Neocate Junior is best served chilled. Tube feed hanging time should not exceed 4 hours. Do not boil prepared formula. Do not use a microwave oven to prepare or warm formula.

Storage: Store in a cool, dry place (5-25°C) and away from direct sunlight. Once opened, use within one month. Always replace container lid after use.

Shelf life: 18 months. Best before date: see individual packaging.

Ingredients (Unflavoured*)

Dried glucose syrup, refined vegetable oils (medium chain triglycerides (palm kernel and/or coconut oil), high oleic sunflower, canola, sunflower), L-serine, L-glutamine, maltodextrin, glycine, L-alanine, tri potassium citrate, L-leucine, L-lysine acetate, L-threonine, L-tyrosine, calcium phosphate dibasic, emulsifier (E472c), L-valine, L-isoleucine, L-proline, tri sodium citrate, magnesium hydrogen phosphate, sodium chloride, L-cystine, L-histidine, L-phenylalanine, calcium chloride, L-methionine, L-arginine, choline bitartrate, L-tryptophan, tri calcium citrate, L-ascorbic acid, antioxidants (sunflower lecithin, ascorbyl palmitate), taurine, M-inositol, ferrous sulphate, L-carnitine, zinc sulphate, DL- α -tocopheryl acetate, nicotinamide, calcium D-pantothenate, copper sulphate, riboflavin, manganese sulphate, thiamin hydrochloride, pyridoxine hydrochloride, vitamin A acetate, potassium iodide, folic acid, sodium molybdate, chromium chloride, sodium selenite, phytomenadione, D-biotin, cholecalciferol, cyanocobalamin.

*For all other flavours please see individual packaging.

AVERAGE CONTENTS*	UNIT	per 100g	per 100ml**
Energy:	kcal	475	100
	kJ	1992	420
Protein:	g	13.3	2.8
% of total energy	%	11	11
Carbohydrate:	g	5.6	1.2
sugars	g	5.0	1.1
% of total energy	%	47	47
Fat:	g	22	4.6
saturates	g	9.4	2.0
of which MCT	g	7.3	1.5
monounsaturates	g	7.6	1.6
polyunsaturates	g	4.0	0.8
% of total energy	%	42	42
Dietary fibre:	g	0	0
% of total energy	%	0	0
Minerals:			
sodium	mg (mmol)	285 (12.4)	60 (2.6)
potassium	mg (mmol)	546 (14.0)	115 (3.0)
chloride	mg (mmol)	437 (12.3)	92 (2.6)
calcium	mg (mmol)	428 (10.7)	90 (2.3)
phosphorus	mg (mmol)	309 (10.0)	65 (2.1)
magnesium	mg (mmol)	67 (2.7)	14 (0.6)
iron	mg	5.7	1.2
zinc	mg	5.2	1.1
copper	mg	0.48	0.10
manganese	mg	0.29	0.06
molybdenum	μ g	21.4	4.5
selenium	μ g	15.2	3.2
chromium	μ g	7.6	1.6
iodine	μ g	71.3	15.0
Vitamins:			
vitamin A	μ g RE	214	45
vitamin D	μ g	6.2	1.3
vitamin E	mg a-TE	6.7	1.4
vitamin K	μ g	19	4.0
thiamin	mg	0.48	0.10
riboflavin	mg	0.95	0.20
niacin	mg (mg NE)	5.3 (9.0)	1.1 (1.9)
pantothenic acid	mg	1.9	0.4
vitamin B6	mg	0.48	0.10
folic acid	μ g	71.3	15.0
vitamin B12	μ g	1.2	0.3
biotin	μ g	14.3	3.0
vitamin C	mg	47.5	10.0
Others:			
choline	mg	95	20
inositol	mg	26.1	5.5
taurine	mg	15.80	3.3
L-carnitine	mg	31.45	6.6
osmolality	mOsmol/kg H ₂ O	–	580

Recommended mixing guidelines:

kcal/ml	Powder (g)	No. of 8g scoops	Water (ml)	Total volume (ml)	Dilution % w/v	Osmolality mOsmol/kg H ₂ O	Osmolality mOsmol/L
0.69	16	2	100	110	14.5	380	340
1.00**	32	4	130	150	21.1	580	490
1.26	48	6	150	180	26.5	790	630

The nutritional profile of Neocate Junior per 100ml at each of the three concentrations is available in the Concentration Guide, available on request.

**At the recommended concentration of 21.1% w/v (1kcal/ml).

For further information please visit www.neocate.co.uk