

NAME OF THE MEDICINAL PRODUCT

Nutriflex plus Solution for Infusion

COMPOSITION

Amounts of active substances in both the 1000 ml and 2000 ml sizes of the product are given below.

Composition	in 1000 ml	in 2000 ml
	from the upper chamber (400 ml)	from the upper chamber (800 ml)
Isoleucine	2.82 g	5.64 g
Leucine	3.76 g	7.52 g
Lysine hydrochloride (equivalent to lysine:)	3.41 g (2.73 g)	6.82 g (5.46 g)
Methionine	2.35 g	4.70 g
Phenylalanine	4.21 g	8.42 g
Threonine	2.18 g	4.36 g
Tryptophan	0.68 g	1.36 g
Valine	3.12 g	6.24 g
Arginine monoglutamate (equivalent to arginine:) (equivalent to glutamic acid:)	5.98 g (3.24 g) (2.74 g)	11.96 g (6.48 g) (5.48 g)
Histidine hydrochloride monohydrate (equivalent to histidine:)	2.03 g (1.50 g)	4.06 g (3.00 g)
Alanine	5.82 g	11.64 g
Aspartic acid	1.80 g	3.60 g
Glutamic acid	1.47 g	2.94 g
Glycine	1.98 g	3.96 g
Proline	4.08 g	8.16 g
Serine	3.60 g	7.20 g
Magnesium acetate tetrahydrate	1.23 g	2.46 g
Sodium acetate trihydrate	1.56 g	3.12 g
Sodium dihydrogen phosphate dihydrate	3.12 g	6.24 g
Potassium hydroxide	1.40 g	2.80 g
Sodium hydroxide	0.23 g	0.46 g
	from the lower chamber (600 ml)	from the lower chamber (1200 ml)
Glucose monohydrate (equivalent to glucose:)	165.0 g (150.0 g)	330.0 g (300.0 g)

Calcium chloride dihydrate	0.53 g	1.06 g
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Electrolytes:	in 1000 ml	in 2000 ml
Sodium	37.2 mmol	74.4 mmol
Potassium	25.0 mmol	50.0 mmol
Magnesium	5.7 mmol	11.4 mmol
Phosphate	20.0 mmol	40.0 mmol
Acetate	22.9 mmol	45.8 mmol
Chloride	35.5 mmol	71.0 mmol
Calcium	3.6 mmol	7.2 mmol
	in 1000 ml	in 2000 ml
Amino acid content	48 g	96 g
Nitrogen content	6.8 g	13.6 g
Carbohydrate content	150 g	300 g
	in 1000 ml	in 2000 ml
Energy in the form of amino acids [kJ (kcal)]	803 (192)	1607 (384)
Energy in the form of carbohydrates [kJ (kcal)]	2510 (600)	5021 (1200)
Total energy [kJ (kcal)]	3313 (792)	6628 (1584)

Excipients: Citric acid monohydrate, water for injection.

THERAPEUTIC INDICATIONS

Supply of amino acids, glucose, electrolytes and fluid in the parenteral nutrition of patients in states of moderately severe catabolism when oral or enteral nutrition is impossible, insufficient or contraindicated. Nutriflex plus is indicated in adults and children aged 2 to 17 years.

CONTRAINDICATIONS

Hypersensitivity to the active substance(s) or to any of the excipients.
Inborn errors of amino acid metabolism, hyperglycaemia not responding to insulin doses of up to 6 units insulin/hour, intracranial or intraspinal haemorrhage, acidosis, severe hepatic insufficiency, severe renal insufficiency in absence of renal replacement therapy.

On account of its composition, Nutriflex plus must not be used in newborn infants, infants and toddlers < 2 years of age.

General contraindications to parenteral nutrition include unstable circulatory status with vital threat (e.g. states of collapse, shock, fluid overload, pulmonary oedema etc.), acute myocardial infarction and

stroke, unstable metabolic condition (e.g. coma of unknown origin, hypoxia, decompensated diabetes mellitus etc.).

UNDESIRABLE EFFECTS

Summary of the safety profile

Undesirable systemic effects with the components of Nutriflex plus are rare ($\geq 1/10\,000$ to $< 1/1000$) and usually related to inadequate dosage and/or infusion rate. Those that do occur are usually reversible and regress when therapy is discontinued.

Undesirable effects are listed according to their frequencies as follows:

Rare: ($\geq 1/10\,000$ to $< 1/1000$)

Gastrointestinal disorders

Rare: Nausea, vomiting, decreased appetite

Information on particular undesirable effects

If nausea, vomiting or decreased appetite occur, the infusion should be discontinued or, if appropriate, the infusion should be continued at a lower dose level.

WARNINGS

Keep out of the sight and reach of children.

NOTE

Prescription only

Not all products are registered and approved for sale in all countries or regions. Indications of use may also vary by country and region. Please contact your country representative for product availability and information.

B. Braun Melsungen AG, 34209 Melsungen, Germany, 05/2017

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