

Product Information



XPhe Infant Mix^{LCP}



In Short

- XPhe Infant Mix^{LCP} is a food for special medical purposes for use in the dietary management of Phenylketonuria (PKU) or Hyperphenylalaninemia (HPA)
- for infants, from birth onwards
- protein supplement free of Phenylalanine – in powder form
- with carbohydrate (mainly lactose) and fat
- like human breast milk enriched with LCP-fatty acids
- highly purified L-amino acids
- micronutrients in adequate amounts
- in 500 g tin

Product profile

XPhe Infant Mix^{LCP} is a powdered mixture of highly purified L-amino acids free of Phenylalanine – especially for infants, from birth onwards.

XPhe Infant Mix^{LCP} contains carbohydrate and fat: Like breast milk XPhe Infant Mix^{LCP} contains lactose as main carbohydrate and is enriched with LCPUFA-lipids.

XPhe Infant Mix^{LCP} is enriched with vitamins, minerals and trace elements in adequate amounts.

Administration

The daily amount is determined individually and is given to the infant in combination with calculated amounts of breast milk and/or regular infant formula and/or low protein weaning food (beikost).

Preparation and Feeding

When prepared with drinking water only, XPhe Infant Mix^{LCP} gives a Phenylalanine (Phe) free bottle feed or pap, which can be used for lowering the blood Phe level. For preparing a Phe-reduced pap, XPhe Infant Mix^{LCP} is mixed with calculated amounts of starch, low protein biscuits and/or fruits.

Recipes for low-Phe paps are available in our booklets „PKU im ersten Lebensjahr“ (PKU in the first year of life) and „Vom Säugling zum Löffeling“ (From infant bottle to weaning food) – both in German language. These can be ordered from us free of charge.

XPhe Infant Mix^{LCP} must not be given without other protein containing foods (e. g. breast milk or regular infant formula)

over a longer period of time. Medical supervision is indispensable in any case.

Advice for Dental Health Carbohydrates are indispensable for the nutrition of a child. Like breast milk XPhe Infant Mix^{LCP} contains carbohydrate. 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 only last for the time required for the food intake. Please advise the parents accordingly.

Function XPhe Infant Mix^{LCP} substitutes that part of the protein in the diet which may not be taken up from natural food sources.

Indication XPhe Infant Mix^{LCP} is a food for special medical purposes and as a protein supplement suitable for the dietary management of Phenylketonuria (PKU) or Hyperphenylalaninemia (HPA).

Dosage The correct dosage of XPhe Infant Mix^{LCP} is determined by the physician and should be adjusted regularly in accordance with the results of periodical monitoring. The dosage depends on age, body weight, protein requirements and the infant's individual Phenylalanine tolerance. The daily dosage of XPhe Infant Mix^{LCP} and other food (e. g. breast milk, infant formula or Beikost) is determined in a diet plan. The total daily amount of XPhe Infant Mix^{LCP} should be given as a bottle feed or a pap, divided into 3 – 5

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.

single portions, evenly distributed during the day.

The PKU-diet must be supplemented with energy, natural protein, other nutrients and water in prescribed quantities.

Important notice Must only be used under medical supervision. Not for use as a sole source of nutrition. For enteral use only. Only for infants with proven with Phenylketonuria (PKU) or Hyperphenylalaninemia (HPA). Follow the instructions for use.

Fat

- XPhe Infant Mix^{LCP} contains vegetable oils (rapeseed-, corn-, sunflower- and palm-oil)
- following the example of mother's milk XPhe Infant Mix^{LCP} is enriched with long chain polyunsaturated fatty acids (LC-PUFAs)
- the LC-PUFA source is a docosahexaenoic acid (DHA)-rich fish oil

Fat composition

XPhe Infant Mix^{LCP} contains per

100 ml
ready-to-use

Fat	4 g
of which saturates	0,8 g
mono-unsaturates	1,6 g
polyunsaturates	1,7 g

ratio of fatty acids ω -6 : ω -3 = 4 : 1

Linoleic acid : α -Linolenic acid ratio = 5 : 1

Fatty acids profile

			% per 100 kcal	% of total fat
Butyric acid	4 : 0	-	-	-
Hexanoic acid	6 : 0	-	-	-
Caprylic acid	8 : 0	-	-	-
Capric acid	10 : 0	-	-	-
Lauric acid	12 : 0	-	0,003	0,06
Myristic acid	14 : 0	0,01 g	0,014	0,25
Myristoleic acid	14 : 1	-	-	-
Palmitic acid	16 : 0	0,59 g	0,8	14
Palmitoleic acid	16 : 1	0,01 g	0,018	0,3
Stearic acid	18 : 0	0,11 g	0,14	2,6
Oleic acid	18 : 1	1,56 g	2	38
Linoleic acid	18 : 2 n-6	1,41 g	2	34
α -Linolenic acid	18 : 3 n-3	0,30 g	0,4	7
Arachidic acid	20 : 0	0,07 g	0,1	1,8
Arachidonic acid	20 : 4 n-6	-	-	-
Eicosapentaenoic acid	20 : 5 n-3	0,003 g	0,004	0,07
Behenic acid	22 : 0	0,02 g	0,03	0,5
Docosahexaenoic acid	22 : 6 n-3	0,02 g	0,026	0,5

Delivery Unit	tin 6 x 500 g = 3000 g
Article Number	xx-001-20000
Delivery to	Pharmacies, clinics
Storage	Store in a cool, dry place.