



Mevalia | AMINO ACIDS



DrSchär

# Mevalia Motion meets the PKU-patient's life needs and helps them to stick to their treatment regimes.

Phenylalanine-free amino acid drink

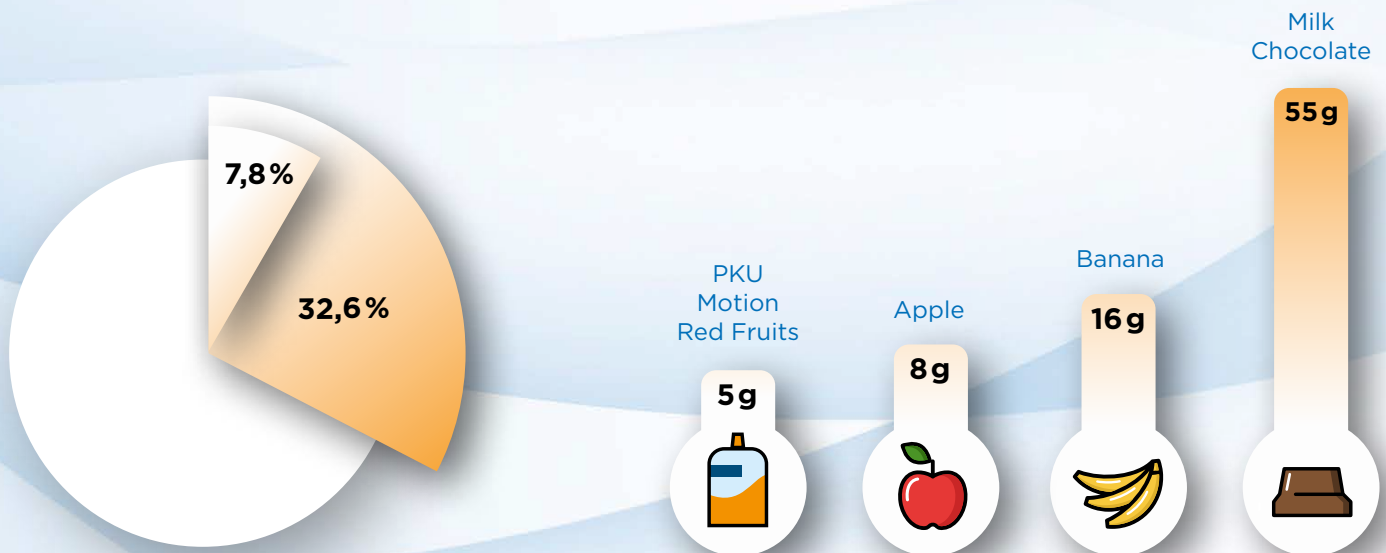
Better taste

Low sugar = low calories

Without any preservatives

## With less sugar lighter through life.

Patients diagnosed with PKU are restricted in the consumption of protein and tend to consume carbohydrate-rich meals.<sup>1,2</sup> Many PKU patients, especially females, are vulnerable to excessive weight gain.<sup>(3-7)</sup> Accordingly, Mevalia PKU Motion is a fruit-juice based low-sugar option without any preservatives designed to cover the protein requirements of PKU patients concerned about their weight.



**Being overweight is very common in children and adolescence diagnosed with PKU. Between 7.8 and 32.6% of patients are at risk.<sup>(7)</sup>**

### Sugar content based on 100 g per product.

The nutritional values are taken from the National Food Institute, Technical University of Denmark. This calculation does not replace medical consulting.

1. Couce, M. L. et al. Carbohydrate status in patients with phenylketonuria. *Orphanet J. Rare Dis.* 13, (2018).  
2. Moretti, F. et al. Dietary glycemic index, glycemic load and metabolic profile in children with phenylketonuria. *Nutr. Metab. Cardiovasc. Dis.* 27, 176-182 (2017).  
3. Bélanger-Quintana, A. & Martínez-Pardo, M. Physical development in patients with phenylketonuria on dietary treatment: a retrospective study. 104, 480-484 (2011).  
4. Burrage, L. C. et al. High prevalence of overweight and obesity in females with phenylketonuria. 107, 43-48 (2012).  
5. Gokmen Ozel, H. et al. Overweight and obesity in PKU: The results from 8 centres in Europe and Turkey. *Mol. Genet. Metab. Reports* 1, 483-486 (2014).  
6. Emily White, J., Kronmal, R. A. & Acosta, P. B. Excess weight among children with phenylketonuria. *J. Am. Coll. Nutr.* 1, 293-303 (1982).  
7. dos Santos Sena, B., de Andrade, M. I. S., da Silva, A. P. F., Dourado, K. F. & Silva, A. L. F. Overweight and associated factors in children and adolescents with phenylketonuria: A systematic review. *Revista Paulista de Pediatria* vol. 38 (2020).

# The pocket treatment that fits your patient's life.

Give your PKU patients the freedom of a tasty treatment, convenient to take out and consume on-the-go.

**Tasty**

**Ready to drink**

**Fruity**

**Accurately premeasured**

**Enjoyable sweetness**

**Good for active life**

**Practical**

***"Motion is delicious and super good. Even better it's practical to take on the go."***

**Timo**  
9 Years



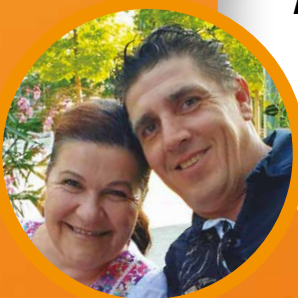
***"I am impressed by its light drinkability. It is perfect for a fast fruity break."***

**Cornelia**  
32 Years



***"Motion is great! It is easy to transport and user friendly. Our son can open it by himself. It has already survived many journeys without any spillage."***

**Antje and René**



Average values per:	Tropical			Red Fruits			Yellow Fruits			
	100 ml	140 ml	70 ml	100 ml	140 ml	70 ml	100 ml	140 ml	70 ml	
<b>Energy</b>	kJ kcal	328 77	459 108	230 54	328 77	459 108	230 54	317 75	444 105	222 52
<b>Fat</b>	g	0	0	0	0	0	0	0,3	0,4	0,2
of which saturates	g	0	0	0	0	0	0	0	0	0
<b>Carbohydrate</b>	g	5,0	7,0	3,5	5,0	7,0	3,5	3,7	5,2	2,6
of which sugars	g	3,3	4,6	2,3	3,8	5,3	2,7	3,0	4,2	2,1
<b>Fibre</b>	g	0	0	0	0	0	0	0	0	0
<b>Protein Equivalent</b>	g	14	20	10	14	20	10	14	20	10
<b>Salt</b>	g	0,08	0,11	0,06	0,08	0,11	0,05	0,08	0,11	0,05
<b>Amino Acids</b>										
L-Alanine	g	0,83	1,16	0,58	0,83	1,16	0,58	0,83	1,16	0,58
L-Arginine	g	0,76	1,06	0,53	0,76	1,06	0,53	0,76	1,06	0,53
L-Aspartic Acid	g	1,12	1,57	0,78	1,12	1,57	0,78	1,12	1,57	0,78
L-Cystine	g	0,35	0,49	0,25	0,35	0,49	0,25	0,35	0,49	0,25
L-Histidine	g	0,36	0,50	0,25	0,36	0,50	0,25	0,36	0,50	0,25
L-Glutamic Acid	g	2,25	3,15	1,58	2,25	3,15	1,58	2,25	3,15	1,58
L-Glutamine	g	0	0	0	0	0	0	0	0	0
Glycine	g	1,02	1,43	0,71	1,02	1,43	0,71	1,02	1,43	0,71
L-Isoleucine	g	0,74	1,04	0,52	0,74	1,04	0,52	0,74	1,04	0,52
L-Leucine	g	1,13	1,58	0,79	1,13	1,58	0,79	1,13	1,58	0,79
L-Lysine	g	1,02	1,43	0,71	1,02	1,43	0,71	1,02	1,43	0,71
L-Methionine	g	0,23	0,32	0,16	0,23	0,32	0,16	0,23	0,32	0,16
L-Phenylalanine	mg	<5*	<5*	<5*	<5*	<5*	<5*	<5*	<5*	<5*
L-Proline	g	1,68	2,35	1,18	1,68	2,35	1,18	1,68	2,35	1,18
L-Threonine	g	1,17	1,64	0,82	1,17	1,64	0,82	1,17	1,64	0,82
L-Tryptophan	g	0,23	0,32	0,16	0,23	0,32	0,16	0,23	0,32	0,16
L-Tyrosine	g	1,83	2,56	1,28	1,83	2,56	1,28	1,83	2,56	1,28
L-Valine	g	0,85	1,19	0,60	0,85	1,19	0,60	0,85	1,19	0,60
L-Serine	g	1,27	1,78	0,89	1,27	1,78	0,89	1,27	1,78	0,89

**Osmolality: Tropical - 1.656 mOsm/kg, Red Fruits - 1.991 mOsm/kg, Yellow Fruits - 1.724 mOsm/kg**

ARTICLE NUMBER	PRODUCT	PACKAGING
5653090005	Mevalia PKU Motion Tropical 20	Box with single portions 20 g protein equivalent (30 x 140 ml)
5653120003	Mevalia PKU Motion Tropical 10	Box with single portions 10 g protein equivalent (30 x 70 ml)
5653130005	Mevalia PKU Motion Red Fruits 20	Box with single portions 20 g protein equivalent (30 x 140 ml)
5653140005	Mevalia PKU Motion Red Fruits 10	Box with single portions 10 g protein equivalent (30 x 70 ml)
5653170001	Mevalia PKU Motion Yellow Fruits 20	Box with single portions 20 g protein equivalent (30 x 140 ml)
5653180001	Mevalia PKU Motion Yellow Fruits 10	Box with single portions 10 g protein equivalent (30 x 70 ml)

\* Mevalia PKU Motion may contain traces of phenylalanine (<5mg/100ml) from fruit juice concentrate.

## A joyful range, for a better life.

Mevalia Motion adds more variety to your patient's daily life thanks to its 3 flavours: Tropical, Red Fruits and Yellow Fruits.

For the dietary management of Phenylketonuria (PKU) and Hyperphenylalaninemia (HPA) in children aged 3 years and over, adolescents and adults.

**Dr. Schär AG / SPA**

Winkelau 9

39014 Burgstall / Postal (BZ) Italy

Tel. +39 0473 293 300

info@mevalia.com

www.mevalia.com

Average values per:	Tropical			Red Fruits			Yellow Fruits			
	100 ml	140 ml	70 ml	100 ml	140 ml	70 ml	100 ml	140 ml	70 ml	
<b>Vitamins</b>										
Vitamin A	µg	199	279	139	199	279	139	200	280	140
Vitamin D	µg	6,00	8,40	4,20	6,00	8,40	4,20	5,69	7,97	3,98
Vitamin E	mg	4,00	5,60	2,80	4,00	5,60	2,80	3,76	5,26	2,63
Vitamin K	µg	12	17	8,40	12	17	8,40	12	17	8,34
Vitamin C	mg	19	27	13	19	27	13	19	27	13
Thiamin B1	µg	400	560	280	400	560	280	450	630	315
Riboflavin B2	µg	600	840	420	600	840	420	600	840	420
Niacin	mg	5,00	7,00	3,50	5,00	7,00	3,50	4,99	6,99	3,49
Vitamin B6	µg	600	840	420	600	840	420	600	840	420
Folate	µg	147	206	103	147	206	103	88	123	62
Vitamin B12	µg	1,00	1,40	0,70	1,00	1,40	0,70	1,19	1,67	0,83
Biotin	µg	15	21	11	15	21	11	15	21	11
Pantothenic Acid	mg	2,00	2,80	1,40	2,00	2,80	1,40	1,88	2,63	1,32
<b>Minerals</b>										
Sodium	mg	30	42	21	30	42	21	30	42	21
Potassium	mg	225	315	158	250	351	175	154	216	108
Calcium	mg	352	493	246	313	438	219	352	493	246
Phosphorus	mg	280	392	196	229	321	160	273	382	191
Magnesium	mg	90	126	63	89	125	63	87	122	61
<b>Trace Elements</b>										
Iron	mg	5,00	7,00	3,50	4,59	6,43	3,21	4,60	6,44	3,22
Zinc	mg	3,00	4,20	2,10	3,38	4,73	2,37	3,40	4,76	2,38
Copper	µg	400	560	280	420	588	294	420	588	294
Manganese	µg	800	1120	560	750	1050	525	800	1120	560
Selenium	µg	15	21	11	15	21	11	15	21	11
Chromium	µg	12	17	8,40	12	17	8,40	12	17	8,40
Molybdenum	µg	23	32	16	23	32	16	23	32	16
Iodine	µg	67	94	47	67	93	47	67	94	47
<b>Other Nutrients</b>										
L-Carnitine	mg	23	32	16	23	32	16	23	32	16
Choline	mg	140	196	98	140	196	98	140	196	98



**DrSchär**