



comidagen

0 – 1 years

Food for special medical purposes
for infants with multiple food intolerances and allergies

- ✓ hypoallergenic and highly absorbable special infant formula based on a mixture of pure L-amino acids
- ✓ suitable as an elimination diet and as a basis for a search diet
- ✓ suitable as sole source of nutrition for infants and as supplementary feeding for toddlers and children
- ✓ contains maltodextrin and polyunsaturated fatty acids (**LCP**), provides vitamins, minerals, trace elements and **nucleotides** according to international recommendations.
- ✓ contains L-Glutamic acid and L-Glutamine
- ✓ free of Lactose, Sucrose, Fructose, Glucose, Galactose and starch
- ✓ free of milk protein, soy protein, cereal proteins (Gluten, Gliadin), chicken protein and hydrolysed proteins
- ✓ free of thickening agents, flavours, colourants, preserving agents and sweeteners
- ✓ can be prepared easily (measuring scoop in the can)
- ✓ is hygienically safe and convenient

Definition

comidagen is a hypallergenic infant formula and elementary diet based on pure L-amino acids. Main source of carbohydrate is maltodextrin, the fat blend contains long-chain polyunsaturated fatty acids (**LCP**), mainly Arachidonic acid and Docosahexaenoic acid. These fatty acids are of particular importance for a healthy development of newborns and young infants. *comidagen* provides vitamins, minerals and trace elements according to international recommendations.

Indication

Dietary treatment of severe food allergies / intolerances, protracted diarrhoea, maldigestion and malabsorption syndrome.

comidagen is a sole starting point for an elimination diet and basis for a search diet. Inflammatory bowel diseases, short bowel syndrome.

Dosage and application

comidagen can be given like a normal infant formula as a sole source of nutrition for infants (standard dilution of 13 %) and for supplementary feeding of toddlers and small children.

The daily amount of *comidagen* depends on age, body weight and individual medical condition of the infant. The dose of *comidagen* is to be monitored and adjusted by a physician regularly.

Preparation

Pour required volume of hot previously boiled water (cooled down to 50°C) into a feeding bottle. Add measured amount of *comidagen*, close the bottle and shake well until the powder dissolves. Before feeding, ensure that the formula is at the correct temperature by placing a few drops at the inside of your wrist.

Standard dilution: 13 g *comidagen* + 90 ml water = 100 ml formula

Prepare bottle-feed always fresh and discard unfinished feeds.

Please watch dental care, starting with baby's first teeth, especially before bedtime.

comidagen



Preparation table:

Drinking volume	water	comidagen		Protein	Carbohydrates	Fat	Energy
ml	ml	g	= No. of scoops *	g protein equivalent	g	g	kJ / kcal
35	30	4,3	1	0,58	2,3	1,1	88 / 21
100	90	13	3	1,8	6,8	3,2	266 / 63
200	180	26	6	3,5	13,7	6,5	532 / 127

* 1 level scoop = approx. 4,3 g comidagen

Important notice:

- must be used under medical supervision
- powdered infant formula is not sterile
- suitable as sole source of nutrition
- not suitable for parenteral use

Ingredients:

Maltodextrin, vegetable oils, L-Lysine-L-Glutamate, L-Proline, L-Leucine, L-Arginine-L-Aspartate, Potassium-L-Glutamate, L-Valine, Emulsifier E 472c, L-Isoleucine, L-Serine, L-Alanine, L-Threonine, tri-Calcium phosphate, Glycine, L-Tyrosine, L-Phenylalanine, Magnesium-L-Aspartate, L-Glutamine, tri-Potassium citrate, L-Histidine, Sodium dihydrogen phosphate, Sodium chloride, L-Cystine, L-Tryptophan, L-Methionine, L-Lysine-L-Aspartate, Potassium chloride, Choline bitartrate, di-Calcium phosphate, Vitamins (A, D, E, K, C, B1, B2, Niacin, B6, Folic acid, Pantothenic acid, B12, Biotin), Inositol, L-Carnitine-L-Tartrate, Taurine, Nucleotides (AMP, CMP, GMP, IMP, UMP), Iron-II-sulfate, Zinc sulfate, Antioxidants Ascorbyl palmitate and Tocopherol-rich extract, Manganese sulfate, Copper sulfate, Sodium fluoride, Potassium iodide, Sodium molybdate, Chromium-III-chloride, Sodium selenite.

Energy relation:

Protein	11 %
Carbohydrates	43 %
Fat	46 %

Storage & shelf life:

The tin, which is packed in a protective atmosphere, should be stored in a cool, dry place. Once opened, the tin should be tightly resealed after each use and the content should be used up within 4 weeks.

Shelf life: 24 months / < 25°C

Packaging:

400 g per can

comidagen



Composition:

Nutrition facts		per 100 g	per 100 ml **
Energy	kJ	2045	266
	kcal	489	64
Protein equivalent *	g	13,5	1,8
Amino acids	g	16,2	2,1
Carbohydrates	g	52,5	6,8
of which - Lactose	g	0,0	0,0
- Maltodextrin	g	52,5	6,8
- Starch	g	0,0	0,0
Fat	g	24,8	3,2
of which saturated fatty acids	g	9,8	1,3
Monounsaturated fatty acids	g	11,3	1,5
Polyunsaturated fatty acids	g	3,7	0,5
of which - Linoleic acid	g	2,85	0,37
- α -Linolenic acid	g	0,37	0,048
Linoleic / α -Linolenic acid		7,7	7,7
- Arachidonic acid	mg	80	10
- Docosahexaenoic acid	mg	45	5,85
Dietary fibre	g	0	0
Minerals			
Sodium	mg	126	16
Potassium	mg	519	67
Chloride	mg	337	44
Calcium	mg	496	64
Phosphorus	mg	267	35
Magnesium	mg	63	8,2
Iron	mg	6,1	0,79
* Conversion: 1 g Protein = 1,2 g Amino acids = 17 kJ = 4 kcal			

Trace elements		per 100 g	per 100 ml **
Zinc	mg	5,3	0,68
Copper	mg	0,35	0,045
Iodine	μ g	84	11
Chromium	μ g	10	1,3
Fluoride	μ g	170	22
Manganese	μ g	399	52
Molybdenum	μ g	25	3,2
Selenium	μ g	14	1,9
Vitamines			
Vitamin A	μ g	801	104
Vitamin D	μ g	10	1,3
Vitamin E	mg	9,0	1,2
Vitamin K	μ g	22	2,9
Vitamin C	mg	80	10
Vitamin B1	mg	0,42	0,055
Vitamin B2	mg	0,90	0,12
Niacin	mg	5,4	0,70
Vitamin B6	mg	0,51	0,066
Folic acid	μ g	63	8,2
Pantothenic acid	mg	3,6	0,46
Vitamin B12	μ g	1,2	0,15
Biotin	μ g	12,0	1,6
L-Carnitine	mg	26	3,4
Choline	mg	69	9,0
Inositol	mg	46	6,0
Taurine	mg	46	6,0
Nucleotides			
of which AMP	mg	3,85	0,50
CMP	mg	10,96	1,42
GMP	mg	2,31	0,30
IMP	mg	2,31	0,30
UMP	mg	5,00	0,65
Osmolality	mOsmol/kg	320 - 330	
Osmolarity	mOsmol/l	290 - 300	
** standard dilution: 13,0 g in 90 ml water			

DR. SCHÄR MEDICAL NUTRITION

specialises in the development, production and marketing of innovative dietetic food for special medical purposes, including products for the treatment of patients with inborn errors of metabolism, food allergies as well as protein intolerances, and other illnesses requiring a special diet.

In 2012 comidaMed Institut für Ernährung GmbH was integrated into Dr. Schär AG and has since been renamed Dr. Schär Medical Nutrition, combining the many years of experience of these two family-owned firms. Dr. Schär has over 30 years of experience in supporting those with special dietary needs by offering a broad range of delicious and innovative products and services to improve patients quality of life. The takeover of comidaMed has laid the scientific and technical foundation for Dr. Schär Medical Nutrition in the field of medical nutrition.

Dr. Schär Medical Nutrition is a team of food chemists, food scientists, food technologists and nutritionists. Close contact with doctors, hospitals and patients ensures quality and firsthand knowledge, making Dr. Schär Medical Nutrition a valued partner for customers far beyond Germany. The interaction of science and technology allows ideas and concepts to be turned into new and innovative products at the modern manufacturing plant located at Rosbach near Frankfurt am Main right in the centre of Germany.

The production plants apply the highest technical standards and observe GMP guidelines, with the raw materials corresponding to highest quality standards.

The products of Dr. Schär Medical Nutrition thus meet the highest international quality standards and are recognised worldwide on account of their excellent quality, composition, taste, and ease of preparation.



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