

LEENVIT®



Everyday Omega3 HIGH CONCENTRATION +6+9

Concentrate of Omega 3+6+9 esters
extracted from plant sources in liquid form

DIETARY SUPPLEMENT



The need for access to natural nutrition

In today's world, it is becoming more and more difficult to ensure access to natural food, untouched by chemicals and with its precious nutrients needed by our bodies still intact. Meanwhile, we are all aware that pure, natural food is essential for our health and our lives. Which is why we need to supplement our diets with natural nutrition.

The solution for this problem is LEENVIT, rich in Omega 3.



What is LEENVIT?

LEENVIT is a unique, natural product on a global scale based on vegetable oils. It is a concentrate of Essential Fatty Acids (EFA) extracted from flaxseed oil including Omega 3 (alpha linoleic acid, ALA, n-3) and Omega 6 (linoleic acid, LA, n-6), with the addition of monounsaturated oleic acid (Omega 9, GA) in its monoester form with high bioavailability. Thanks to the use of an innovative natural method of esterification of flaxseed oil in an oxygen-free atmosphere, we have obtained the purest form of Omega 3+6+9 monoesters. This form provides ultra-pure Omega 3+6+9, without harmful substances that appear in other oils, such as heavy metals, cyanogenic compounds like linamarin, linustatin, or pesticides.

LEENVIT

It is a rich, natural, concentrated source of highly pure Omega 3 in the form of monoesters, making it very easily absorbed by the body.

Did you know that:

For the proper functioning of the body, it is essential to maintain the correct proportion between Omega 3, 6 and 9 acids in the diet. LEENVIT is composed according to the so-called „golden proportion“ of Omega 3 to Omega 6, need for the body to function correctly.

LEENVIT is different because of its high concentration of Omega 3 ALA fatty acid in its pure form with high absorbability, which is the substance most lacking in modern diets. The primary aim in creating the LEENVIT formula was to ensure 100% realisation of Recommended Nutritional Intake (RNI) for Essential Unsaturated Fatty Acids **Omega 3 in the correct proportion to Omega 6** in the modern diet.

LEENVIT is a concentrate of Omega 3 ALA acid – in one spoonful (4 ml), there is as much as 2000 mg of pure Omega 3 ALA acid. This fully satisfies the body's daily intake need for this acid, in accordance with the opinion of the European Food Safety Authority, EFSA Regulation (2009) 1176, 1 - 11.



Did you know that:

Beneficial effects are felt with daily consumption of 2 grams of Omega 3 ALA.

European Commission Regulation (EU) No. 432/2012 dated 16 May 2012.



How we perfected Omega 3, 6, 9 in LEENVIT for you

As a result of an esterification process conducted in an oxygen-free environment, we have obtained the purest natural form of Omega 3+6+9 acids in the form of monoesters, **without additives or preservatives. Only what is natural.** We have removed the fattening components, glycerol, and all other harmful substances. LEENVIT is produced in a completely innovative technology, retaining the biological properties of the active ingredients contained in LEENVIT - polyunsaturated, essential fatty acids, i.e. alpha linoleic acids (Omega 3, ALA) and linoleic acids (Omega 6, LA) with monounsaturated oleic acids (Omega 9, GA).

The Omega acid esters contained in LEENVIT do not oxidise as they do in flaxseed oil, and **remain in the blood plasma for 24 hours**, much longer than in the case of cod liver oil or flaxseed oil, where these substances remain in the plasma for only 3 hours. **Due to its purity, the product is entirely safe, and thanks to its mono-particle formula, these substances can be absorbed more easily.**



Why LEENVIT? What value does it have for you?

The unique and exceptional quality of the Omega 3+6+9 acids in LEENVIT results from the following facts:



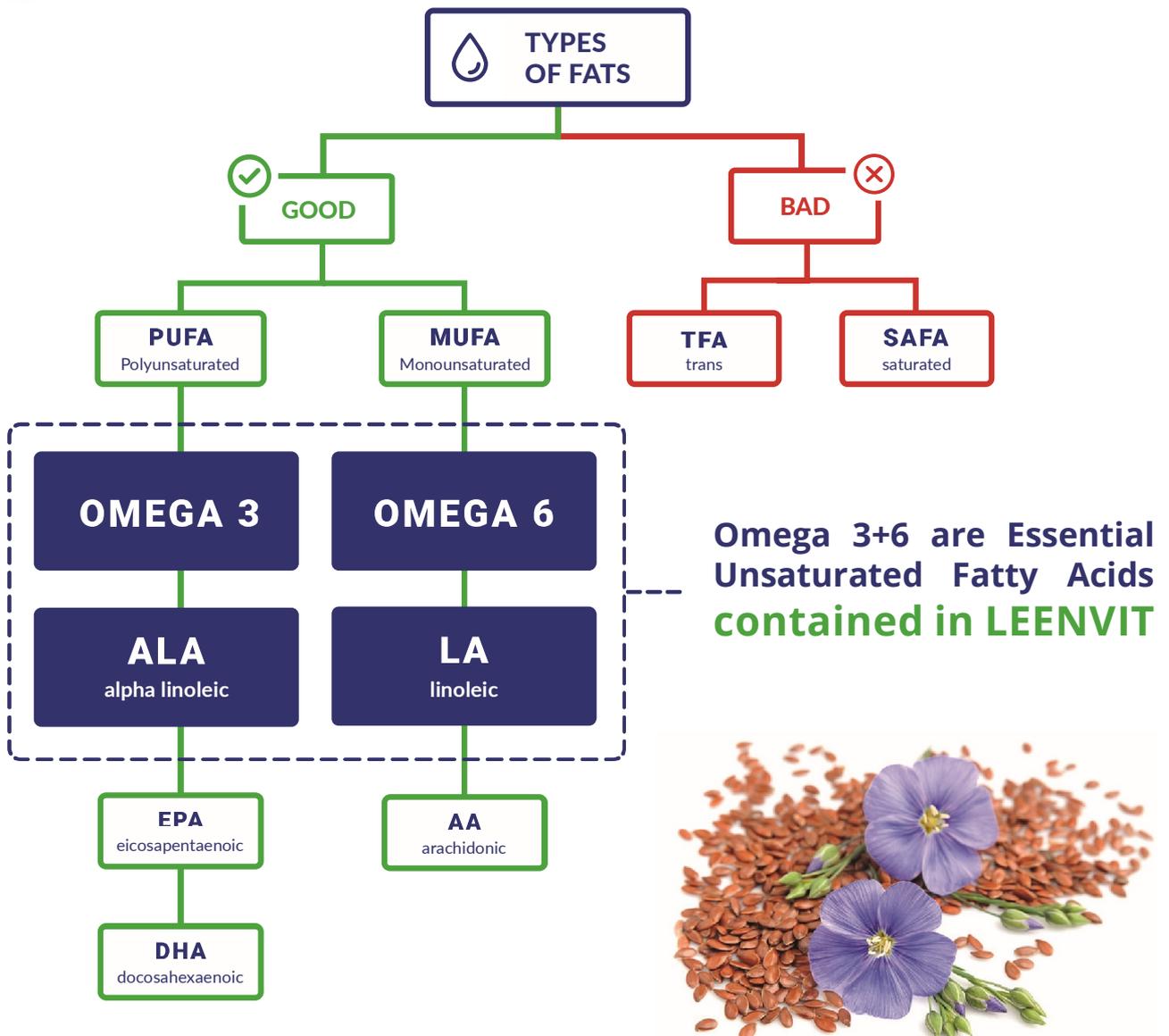


What do you mean by saying that LEENVIT contains essential Omega 3+6 acids?

Omega 3 acids have a fundamental significance for the correct functioning of the entire body. They are a building material for our cells. Thanks to them, the cell membrane functions better, making all life processes more efficient. **Omega 3 (alpha linoleic acid ALA) and Omega 6 (linoleic acid LA),** contained in LEENVIT play a key role in the nutritional value of fats, because they are so-called Essential Unsaturated Fatty Acids (EUFA). The human body is capable of producing all the fatty acids necessary for metabolism with the exception of two; alpha linoleic (ALA) from the Omega 3 group and linoleic acid (LA) from the Omega 6 group. **These are an essential component of the diet of every person. Which is why we must supply them in our food.** LEENVIT satisfies the needs of the body for Omega 3+6 Unsaturated Fatty Acids. One reason for the crucial importance of these acids is that they are a starting point for the biosynthesis of eicosanoids, they play a role in the transport and oxidation of cholesterol, and are also components of the lipids in cell membranes. They are necessary for the proper development of the human body and for maintaining good health throughout your life.



What are the ESSENTIAL Omega 3+6 acids?



Omega 3 ALA - why essential?

Omega-3 ALA acid is the only ESSENTIAL fatty acid which is a precursor, it is the “Father and Mother” of other fatty acids from the Omega 3 family, which are converted by our bodies to their derivative forms, EPA and later DHA, but only when the body needs them. ALA acids are a storehouse which our body draws from when it needs to and only to the extent that it needs to, changing its form to EPA and DHA. By providing our bodies with Omega 3 ALA, we can be sure that despite the fact that every individual is different and has different needs for EPA and DHA, there will be exactly the right amount of these substances in the body. Without risk of overdosing. Omega 3 acids only have a beneficial effect on the body when we ensure availability of Omega 3 ALA. For this reason, these acids must be supplied in food.



Important:

- ▶ The human body converts Precursor acids (ALA) into Derivatives (EPA, DHA) in the amounts which are necessary.
- ▶ The human body can convert Precursor acids into Derivatives, but the reverse process is not possible.
- ▶ If our body experiences a deficiency of Precursor acids, then regardless of how many Derivatives we consume, the body will not synthesise the correct amounts of Precursor acids which it needs considerably more of than Derivatives.
- ▶ EPA and DHA are not essential acids, as they can be synthesised by the human body from Omega 3 ALA.
- ▶ Omega 3 ALA and Omega 6 LA belong to the Essential Unsaturated Fatty Acids group. **Our bodies are not able to synthesise these acids on their own. Which is why they must be supplied in food.**

We have good news for you

As an answer to these needs, we have created LEENVIT. As a result of an esterification process conducted in an oxygen-free atmosphere, the purest form of natural Omega 3+6+9 has been obtained, in the correct proportions and in the form of monoesters, without additives or preservatives - LEENVIT.





Safety and effectiveness clinically confirmed

The unique, patented LEENVIT production process ensures the extraction of the purest, concentrated form of Omega 3+6+9 acids, which are completely free from toxins or contaminants of any kind. Before being released for sale, this pure form of Essential Unsaturated Fatty Acids is subjected to rigorous toxicology testing in accordance with the guidelines of the OECD (No. 420/Method B.I.BIS, No. 407/Method B.7 and SPR/T/25 at the Department of Toxicology of the Institute of Industrial Organic Chemistry in Pszczyna, which holds the Good Laboratory Practice (GLP) Statement of GLP Compliance No. G 024 and the Certificate of Compliance with Principles of Good Laboratory Practice No. 4/2006/DPL 024, all with a positive result.

Based on the research which has been conducted, we can safely say that:

- ▶ LEENVIT does not contain cyanogenic glycosides responsible for the toxicity of some flaxseed oils.
- ▶ The chemical form of the EFAs contained in the preparation in the form of ethyl esters of these acids protects them from unfavourable changes in their biological properties caused by oxidation, autooxidation, and isomerisation processes.
- ▶ The preparation can be used for human and farm animal consumption.



Add LEENVIT to your food. Improve the nutritive qualities of the food you eat thanks to the Omega 3+6 contained in LEENVIT!

LEENVIT enhances the nutritive value of food products and improves the health profile of your daily food intake. LEENVIT can be an effective element of a preventative health program, one which does not require changes in your dietary preferences. You can continue eating what you have up until now, with the flavours that you prefer, with the one difference that **your food will become probiotic functional food, with a positive influence on the physiological functions of the body.** This is of crucial importance when considering the conventional foods which are commonly eaten today in Europe, poor in Omega 3 and Omega 6 EFAs – especially when compared to the recommendations of the European Food Safety Authority (EFSA (2009) 1176, 1 - 11), or the U.S. Department of Health and Human Services Food and Drug Administration - Federal Register 79 FR 23262) **indicating a need for consumption of Omega 3 ALA EFAs of between 1.6 and 3 grams daily.**

Everyday enrichment of food products with essential Omega 3+6 in the form of LEENVIT added to bread, biscuits, salads, or pasta **helps meet recommended daily intake requirements of Omega 3 fatty acids.**



Application

LEENVIT can be used by itself or combined with food, juice, or yoghurt.

LEENVIT can also be applied directly to food products such as biscuits, baked goods, pasta, cheeses, or cured meats in order to obtain a probiotic functional food.



LEENVIT – Why do you need it?

All of us dream of having a beautiful figure, a healthy body, and of being full of energy. And the correct diet is the best way to achieve this. Doctors and bromatologists (bromatology – the study of food, nutrition, the chemical content of foods, and the nutrient content of foods) and dieticians all agree that a rational diet is the basis of a healthy life model.

Unfortunately, nowadays many of us often eat in a hurry, paying little attention to what we eat, buying highly processed products or ready-made meals, regularly eating fast food, or leading a sedentary lifestyle. This kind of lifestyle is conducive to many health-related problems, including the so-called civilizational illnesses. **If you are unable to change the basic facts of your lifestyle, at least balance it out with a proper diet.**

At the root of most civilisation illnesses are factors such as the pollution of the natural environment and food products, incorrect diet, and stress associated with the increasingly fast pace of life. These factors present a serious threat to the proper functioning of our bodies. Modern medicine attempts to deal with these illnesses in different ways, usually by applying treatments using synthetic preparations which are labelled medicines, but which often do not treat the cause of the illness, only the symptoms. In addition, the use of such synthetic medicines involves the risk of sometimes serious side effects. **For these reasons, it is better to use a prevention strategy, mainly in the form of proper nutrition.** A correctly balanced diet must be rich in substances and ingredients which are of natural origin, which have a probiotic influence on the functioning of our bodies. Nature itself allows us the chance to improve our health and quality of life by providing substances of natural origin which have a favourable impact on human health. These substances include among others flax, **the richest source of Omega 3 and Omega 6 Essential Fatty Amino Acids, which we have perfected for you in LEENVIT.**



Ingredients of LEENVIT in 100 g of product:

1	OMEGA-3 Alpha linoleic acid, C18:3 n-3 ALA	58,7 g
2	OMEGA-6 Linoleic acid, C18:2 n-6 LA	13,7 g
3	OMEGA-9 Oleic acid, C18:1 n-9 OA	17,8 g
4	Palmitic acid, C16:0	5,9 g
5	Stearic acid, C18:0	3,9 g



Additional information:

Omega 3 alpha linoleic acid [ALA] aids in maintaining the proper cholesterol level in the blood. Its positive effect on health begins at dosages of 2 g of Omega 3 ALA daily.

European Commission Regulation (EU) No. 432/2012 dated 16 May 2012.



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