

Impryl®

Impryl® is a Food supplement with Betaine, Cystine, Zinc, Niacin, Folic Acid (in the form of 5MTHF-glucosamine), Vitamin B12 (in the form of Methylcobalamin), Vitamin B6 and Riboflavin. Vitamin B6, Folates and B12 all contribute to normal homocysteine metabolism and Riboflavin helps protect cells from oxidative stresses. Zinc protects cellular structures against oxidative damage and contributes in DNA synthesis and to normal fertility and reproduction.

Nutritional substances contained in Impryl® are known to be part of the normal diet and metabolism and may be of benefit in case of absolute (low content in the diet) or relative (increased demand) deficiency. These deficiencies may associate to altered homocysteine metabolism and other disturbances to the defense against oxidative aggressions and are often observed in: men and women with reproductive problems; in women carrying a PCOS syndrome and at pre-menopausal and menopausal stage; in type 2 diabetes; in subjects developing neurodegenerative diseases; in subjects undergoing intensive activity and energy expenditure, e.g. athletes; and in vegans and vegetarians. Moreover, the same disturbances have also been linked to dyslipidemia and to the cardiovascular disease. Finally, due to the full coverage of all the needs for the folate/homocysteine pathway, Impryl® can be used for pre-conceptional supplementation for both partners and pregnancy supplementation for the pregnant ladies.

It is to be noted that disturbances of homocysteine metabolism and of oxidative defenses may occur more frequently in subjects carrying a defective genetic variant of one of the main enzymes of homocysteine metabolism including those denominated MTHFR, MTRR, CHDH and CBS. Impryl® has been formulated so to compensate these defects by providing an already activated substrate (i.e. methylfolate for MTHFR, methyl cobalamin for MTRR and betaine for CHDH), or by delivering a ready substrate downstream to the genetic blockade (i.e. cystine for CBS). Thus, Impryl® will deliver an effective dietary support to everybody independently of their genetic substrate for the mentioned enzymes.

Ingredients

Bulking agent: microcrystalline cellulose; betaine hydrochloride, L-cystine, anticaking agents: mono- and diglycerides of fatty acids, magnesium salts of fatty acids, silicon dioxide; zinc bisglycinate, stabilizer: cross-linked sodium carboxy methyl cellulose; niacin (nicotinamide), vitamin B6 (pyridoxine hydrochloride), vitamin B2 (riboflavin), folic acid ((6S)5- methyltetrahydrofolic acid, glucosamine salt), vitamin B12 (methylcobalamin).

Characterising Ingredients	Per daily dose (1 tab)	% NRV
Betaine	200 mg	
L-cystine	200 mg	
Niacin	16 mg	100%
Zinc	10 mg	100%
Vitamin B6	1.4 mg	100%
Riboflavin (Vit. B2)	1.4 mg	100%
Folic acid (as methylfolate)	400 µg	200%
Vitamin B12 (as methylcobalamin)	2.5 µg	100%

NRV: nutrient reference value according to Reg. (EU) n.1169/2011

Instructions for use

Impryl® is lactose free and gluten free. The recommended daily dose is 1 tablet per day to be swallowed with abundant water, possibly between meals. The assumption of a smaller amount does not guarantee full coverage of the daily need in all subjects.

Impryl® is a support to a balanced diet and there is no fixed duration for such support. However, males and females with reproductive problems should consider that the gametes maturation process takes about 4 months to be completed. In addition, those subjects with known issues of homocysteine metabolism should consider that the supportive effects will last only as long as the product is assumed.

Warnings

Do not exceed the recommended daily dose. Keep out of reach of children under three years of age. Food supplements should not be intended as a substitute to a varied diet and to a healthy life style. Do not take in case of known or suspected allergy to one or more ingredients.

Storage

Store in a cool dry place away from light, humidity and direct sources of heat. The best-before date refers to the undamaged and properly stored product.

Presentation

Cartoon box containing two PVC/Aluminium blisters of 15 tablets each for a total of 30 tablets of 1.3 gr.

Manufacturer

Manufactured in Italy for Parthenogen SAGL, Piazza Indipendenza 11, 6900 Lugano, Switzerland, in the plant of via F. Filzi 55, 31036 Istrana (TV), Italy.