



ECOVATEC SOLUTIONS INC.
PRODUCT CATALOGUE
FEBRUARY 2022



ABOUT ECOVATEC:

Ecovatec Solutions Inc. is a private Canadian based egg yolk processing company focused on innovative technology solutions. We are dedicated to delivering premium egg yolk ingredients to the nutraceutical, pharmaceutical, cosmetic, and food industries.

Our EcovaPure™ processing methods illustrate our commitment to purity, efficiency, and natural processing. EcovaPure™ technology uses low temperatures and no harmful chemicals to extract and separate high quality, functional food ingredients. We work with local egg producers to ensure Canadian Food Inspection Agency approved pasteurized yolk is the basis of all our products.

Ecovatec has a state-of-the-art manufacturing facility, licensed by the Canadian government, in Abbotsford, BC Canada.

Inspired Functional Ingredients
to **Innovate** and **Differentiate** your brand
31231 Wheel Ave., Abbotsford, BC, Canada, V2T 6H1
604.425.1546



PRODUCT SUMMARY

Item	Description	Package Sizes	MOQ	Applications
EcovaPure™ Egg Oil	Pure egg oil - liquid	1L, 4L, 20L	1L	Cosmetics/cosmeceuticals
EcovaPure™ PL-50	Phospholipid (50%)/Egg Oil (50%) - paste	1 kg, 20 kg (box)	1 kg	Infant nutrition, cosmetic ingredient
EcovaPure™ MyCellePro	Phospholipid (20%)/Egg Oil (55%)/Peptide (25%) – powder	1kg, 5kg, 20kg	1 kg	Microencapsulation matrix
EcovaPure™ OvaPure (Powdered Egg Oil)	Phospholipid (20%)/Egg Oil (55%)/Peptide (25%) – powder	1kg, 5kg, 20kg	1 kg	Cosmetic ingredient, can also microencapsulate oil- or water-based actives in cosmetics for enhanced delivery
EcovaPure™ Emulsova	Phospholipid (20%)/Egg Oil (55%)/Peptide (25%) – powder	1kg, 5kg, 20kg	1 kg	Food and beverage emulsifier
EcovaPure™ PL-40	Phospholipid (40%)/Peptides (50%) – powder	1kg, 5kg, 20kg	1 kg	Concentrated lecithin emulsifier; Supplement Ingredient; cosmetic ingredient
EcovaPure™ PVP	Phosvitin Protein Peptides – Powder	100g; 1kg	100g	Supplement ingredient; cosmetic ingredient
EcovaPure™ YPP	Yolk Protein Peptides – Powder (Contains ~25% PVP)	500g; 1kg; 5kg	500g	Antioxidant properties; supplement or cosmetic ingredient;
EcovaPure™ HDL	High Density Lipoprotein Isolate – Powder	1kg; 5kg; 20kg	1kg	Supplement (improves blood cholesterol profile)

ECOVAPURE EO:

**USED IN TRADITIONAL
MEDICINE, EFFECTIVE
FOR SKIN AND HAIR
HEALTH**

Egg oil contains antioxidants, omega 3, 6, and 9 fatty acids, and cholesterol. It penetrates deep into the skin while reinforcing the skin barrier, making it optimal for skin that is prone to eczema and psoriasis.

Has also been used for scalp health, hair styling, and to prevent premature greying.





Egg phospholipids contain a high percentage of phosphatidylcholine, making it an excellent ingredient in nutraceutical products. The phospholipids, proteins, and fatty acids in PL-50 give it a unique advantage when used in cosmetics. It is moisturizing, anti-inflammatory, non-greasy, and can deliver cosmetic active ingredients further into the skin. In addition, it is also great emulsifier and binder in cosmetics, nutraceuticals, and foods.

ECOVAPURE PL-50:

**EGG YOLK LECITHIN WITH AT
LEAST 50% PHOSPHOLIPIDS.
NUTRACEUTICAL**

MYCELLEPRO:

**MICROENCAPSULATION
TECHNOLOGY IMPROVING
BIOAVAILABILITY AND
FUNCTIONALITY OF FAT-
SOLUBLE INGREDIENTS.**

In addition to being a bioavailability enhancer, it contains valuable nutrients and allows the microencapsulated active ingredients to be added to baked goods, smoothies, or beverages. Its dry powder form makes it easy to use and store.



OVAPURE

POWDERED EGG OIL

OvaPure™ is our premium powdered egg oil for cosmetic formulations. Containing egg oil microencapsulated in phospholipids and stabilized by bioactive egg yolk peptides. The powder form reduces the “egg” smell often associated with egg oil and makes it easy to work with. It can also encapsulate water- or oil-soluble active ingredients in a lotion or cream, delivering them deeper into the skin.



EMULSOVA

A HIGH-PERFORMING FOOD
EMULSIFIER ISOLATED FROM
EGG YOLK



It contains 20% phospholipids, 25% hydrolyzed proteins, and 55% triglycerides with a significant amount of healthy omega 6 and 9 fatty acids alongside omega 3s. The proteins in the product help it outperform commercial emulsifiers in food. Also a great non-GMO alternative to soy and sunflower lecithin!



ECOVAPURE PL-40

EGG YOLK LECITHIN HIGH IN PHOSPHOLIPIDS AND EGG YOLK PROTEIN

Containing at least 60% lecithin, PL-40, this concentrated lecithin contains less fat and more protein than others. It can be used in food, nutraceutical, and cosmetic applications as a lecithin emulsifier or for its own extensive health benefits. The 40% egg yolk proteins stabilize the emulsion and provide additional nutrition.


ECOVAPURE PVP:

BIOACTIVE PEPTIDES FROM PHOSVITIN PROTEIN

These peptides exhibit amazing antioxidant, anti-microbial, anti-carcinogenic, and anti-inflammatory properties. It's metal-binding ability is unparalleled in nature, resulting in a scientifically proven ability to increase the bio-absorption of iron and to increase bone density through conversion of calcium to bone mineral

No clinical studies have been performed. Claims based on existing scientific literature.





A mixture of egg proteins that have been carefully broken down into peptides to preserve their full bioactivity. YPP has been shown to have excellent anti-oxidant capabilities and it contains roughly 25% phosvitin peptides and, therefore, has similar benefits. Studies to investigate its potential as a calcium (and iron) absorption enhancer are ongoing.

ECOVAPURE YPP:

**EGG YOLK PEPTIDES CONTAINING
AT LEAST 25% PHOSVITIN
PHOSPHOPEPTIDES.
APPLICATIONS FOR COSMETICS,
FOOD, AND NUTRACEUTICALS.**



ECOVAPURE HDL:

**PREMIUM HIGH-DENSITY
LIPOPROTEINS ISOLATED
FROM EGG YOLK - A HEART
HEALTH NUTRACEUTICAL
INGREDIENT**



Consisting of a minimum of 60% high quality proteins and 20% healthy fats, an ideal nutritional food ingredient as it contains all the powerful nutrition of the egg yolk without all the cholesterol normally found in an egg. You can eat up to 10 eggs worth of healthy HDL without exceeding your daily cholesterol limit.

CONTACT US!

Please don't hesitate to contact us for more information about any of the products listed here.

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- General information: info@ecovatec.com
- Sales Inquiries: sales@ecovatec.com

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