

Lipoid
Kosmetik

**We make
beauty natural.**

Natural Phospholipids

Product Catalog

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Lipoid Kosmetik - We make beauty natural.

Lipoid Kosmetik is a leading manufacturer of high-quality botanical extracts and natural phospholipid products for the cosmetic and personal care industry. As a pioneer in both fields, Lipoid Kosmetik has gained an outstanding reputation in the global cosmetic industry over the last 40 years. This long-standing expertise, in combination with the exceptional quality of our portfolio, enables our customers to develop and market innovative, functional and natural cosmetic products meeting the highest standards.

Expertise

The Lipoid Group has been manufacturing high-quality phospholipids since 1977.

R&D

With two R&D facilities in Germany and Switzerland, Lipoid Kosmetik develops innovative products and customized solutions in close cooperation with our partners.

Quality

Our quality system meets the highest standards set by the regulatory authorities and the cosmetic industry. All manufacturing sites for our phospholipid portfolio are GMP and ISO 9001:2008 certified. Our facility has also successfully been inspected by the US FDA.

Regulatory

We assure the compliance of our products to national and international regulations and provide superior regulatory support to our customers.

Sustainability

From the beginning, Lipoid has been committed to the principles of sustainability and environmental protection.

Cosmetic Application of Phospholipids

Phospholipids are 100% natural ingredients with unique technological and physiological properties. As the main building blocks of living cell membranes they possess excellent biocompatibility and can be used for a multitude of cosmetic applications.

As Functional Ingredient

Skin Care

Excellent Skin Feeling

Phospholipids leave the skin with a highly pleasant and smooth feeling

Emollient & Refattening Agent

Phospholipids can be used as emollient and refattening agent in cosmetic formulations

Penetration Enhancer

Phospholipids interact with the surface of the stratum corneum and thus can support the penetration of active ingredients into the skin

Former of Lamellar Structures & Film-Former

Hydrogenated phosphatidylcholine can form lamellar structures which mimic the stratum corneum intercellular lipids and lipid structures

Delivery System Encapsulation Liposome Former

Formulations with phospholipids (emulsion or liposomal) are excellent delivery systems for a variety of lipophilic and hydrophilic actives

Hair Gloss & Conditioner

Phospholipids have preferable interactions with hair proteins (keratin)

Emulsifier

Phospholipids are natural emulsifiers both for O/W (mainly) and W/O emulsions

Dispersant & Wetting Agent

Phospholipids are excellent dispersant and wetting agents

Skin Adhesion

Phospholipids improve the adhesion of pigments to the skin

Hair Care

Color Cosmetics

As Active Ingredient

Skin Care

Anti-Aging Moisturizing Soothing

Phospholipids have been shown to be excellent active ingredients for skin care products

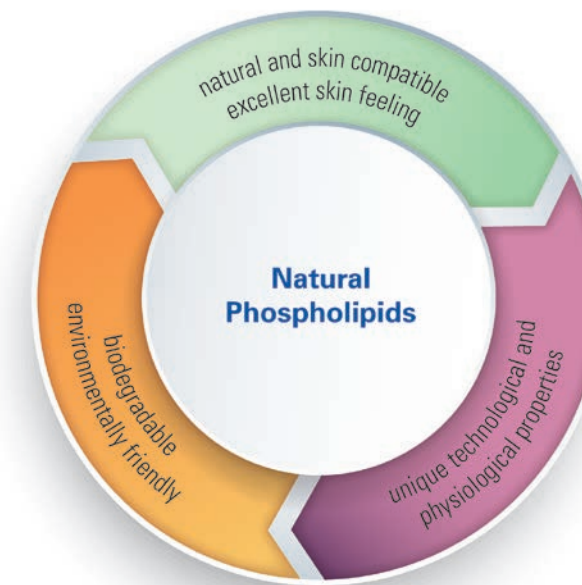
Anti Acne Neurodermatitis

Phospholipids with a high content of essential fatty acids are renowned for their ability to maintain the skin in healthy condition and to ameliorate skin disorders like acne vulgaris and neurodermatitis

Anti Hair Loss

Phospholipids have been shown to prevent hair loss

Hair Care



INCI Nomenclature

Depending on the type and content of phosphatidylcholine, LIPOID and PHOSPHOLIPON® products comply with the following INCI names:

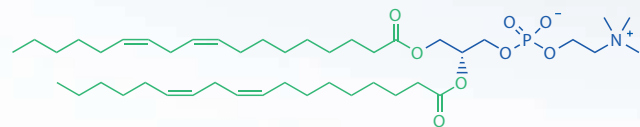
INCI Name	Type of Phospholipid
Lecithin	Lecithin with < 80% phosphatidylcholine
Hydrogenated Lecithin	Hydrogenated Lecithin with < 80% phosphatidylcholine
Phosphatidylcholine	Lecithin fraction with ≥ 80% phosphatidylcholine
Hydrogenated Phosphatidylcholine	Hydrogenated Lecithin fraction with ≥ 80% phosphatidylcholine
Lysolecithin	Partially hydrolyzed lecithin
Hydrogenated Lysolecithin	Partially hydrolyzed, hydrogenated lecithin

Origin and Chemical Structure

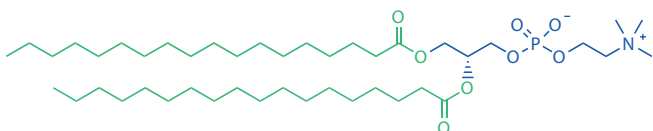
The term “lecithin” designates a mixture of lipids mainly composed of phospholipids. Natural phospholipids for cosmetic applications are most commonly derived from soybean and other vegetable sources such as sunflower and rapeseed. They are isolated by environmentally friendly extraction and fully biodegradable.

The most important phospholipid is phosphatidylcholine. Two fatty acids bound in position 1 and 2 of the glycerol backbone form the lipophilic part of the molecule. The polar head group consists of phosphocholine bound to the glycerol backbone. Natural phospholipids from plants are mainly comprised of unsaturated and essential fatty acids. Hydrogenated phospholipids contain saturated fatty acids.

Typical structure of unsaturated (natural) phosphatidylcholine: Linoleic acid (green) is bound to the polar head group (blue).



Typical structure of saturated (hydrogenated) phosphatidylcholine: Stearic acid (green) is bound to the polar head group (blue).



Our Brands

Natural Phospholipids	
LIPOID S	Source: Soybean
PHOSPHOLIPON®	Source: Soybean
LIPOID P	Source: non-GMO soybean
LIPOID H	Source: non-GMO sunflower
LIPOID R	Source: non-GMO rapeseed

SLM Skin Lipid Matrix®

Viscous lipid matrix consisting of lamellar structures

Pre-Formulations

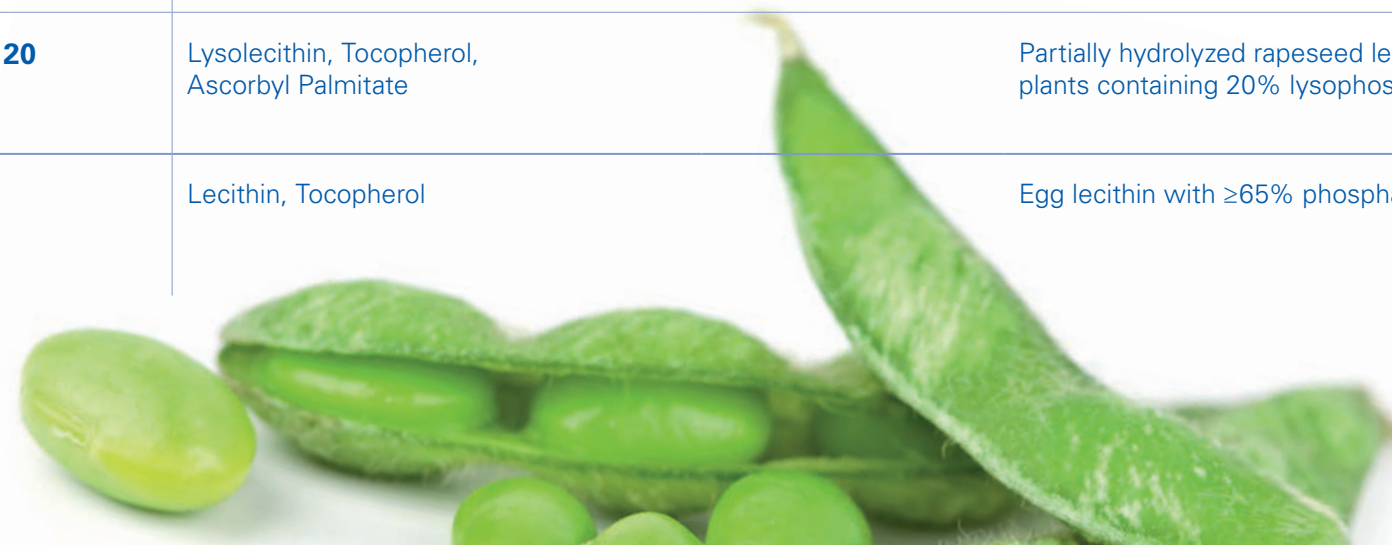
PHOSAL®	Solubilizer for lipophilic actives
Natipide® II	Pro-liposomal system

Delivery Systems

LIPOID Cerasome	Liposomes made of skin lipids
LIPOID Liposome	Liposomal carrier for hydrophilic and lipophilic actives
Ultraspheres®	Combined encapsulation of hydrophilic and lipophilic actives
PhytoSolve®	Patented Solubilization System for Lipophilic Actives

Natural Phospholipids

Origin	Product	INCI	Description	Details
Soybean	LIPOID S 45	Lecithin, Tocopherol	Soybean lecithin with 45% phosphatidylcholine	» China INCI compliant
	LIPOID S 75	Lecithin, Tocopherol	Soybean lecithin with 70% phosphatidylcholine	» China INCI compliant
	PHOSPHOLIPON® 90 G	Phosphatidylcholine, Tocopherol, Ascorbyl Palmitate	Soybean phosphatidylcholine (≥94%)	» China INCI compliant
Soybean (Non-GMO)	LIPOID P 45	Lecithin, Tocopherol	Soybean lecithin with 45% phosphatidylcholine from non-genetically modified plants	» China INCI compliant » ECOCERT approved
	LIPOID P 75	Lecithin, Tocopherol	Soybean lecithin with 70% phosphatidylcholine from non-genetically modified plants	» China INCI compliant » ECOCERT approved
	LIPOID P 100	Phosphatidylcholine, Tocopherol	Soybean phosphatidylcholine from non-genetically modified plants	» China INCI compliant » ECOCERT approved
Sunflower (Non-GMO)	LIPOID H 50	Lecithin, Tocopherol	Sunflower lecithin with 50% phosphatidylcholine from non-genetically modified plants	» China INCI compliant
	LIPOID H 100	Phosphatidylcholine, Tocopherol	Sunflower phosphatidylcholine (≥90%) from non-genetically modified plants	» China INCI compliant
Rapeseed (Non-GMO)	LIPOID R 50	Lecithin, Tocopherol	Rapeseed lecithin with 45% phosphatidylcholine from non-genetically modified plants	» China INCI compliant
	LIPOID R 100	Phosphatidylcholine, Tocopherol	Rapeseed phosphatidylcholine (≥90%) from non-genetically modified plants	» China INCI compliant
	LIPOID R LPC 20	Lysolecithin, Tocopherol, Ascorbyl Palmitate	Partially hydrolyzed rapeseed lecithin from non-genetically modified plants containing 20% lysophosphatidylcholine	» China INCI compliant
Egg	LIPOID E	Lecithin, Tocopherol	Egg lecithin with ≥65% phosphatidylcholine	» China INCI compliant



Natural Phospholipids (hydrogenated)

Origin	Product	INCI	Description	Details
Soybean	PHOSPHOLIPON® 80 H	Hydrogenated Lecithin	Hydrogenated soybean lecithin with 70% phosphatidylcholine	» China INCI compliant » ECOCERT approved
	PHOSPHOLIPON® 90 H	Hydrogenated Phosphatidylcholine	Hydrogenated soybean phosphatidylcholine (≥94%)	» China INCI compliant » ECOCERT approved
	LIPOID S LPC 20-3	Hydrogenated Lysolecithin	Partially hydrolyzed, hydrogenated soybean lecithin containing 20% lysophosphatidylcholine	» China INCI compliant
Soybean (Non-GMO)	LIPOID P 75-3	Hydrogenated Lecithin	Hydrogenated soybean lecithin with 70% phosphatidylcholine from non-genetically modified plants	» China INCI compliant » ECOCERT approved
	LIPOID P 100-3	Hydrogenated Phosphatidylcholine	Hydrogenated soybean phosphatidylcholine (≥90%) from non-genetically modified plants	» China INCI compliant » ECOCERT approved
Sunflower (Non-GMO)	LIPOID H 100-3	Hydrogenated Phosphatidylcholine	Hydrogenated sunflower phosphatidylcholine (≥90%) from non-genetically modified plants	» China INCI compliant
Rapeseed (Non-GMO)	LIPOID R 100-3	Hydrogenated Phosphatidylcholine	Hydrogenated rapeseed phosphatidylcholine (≥90%) from non-genetically modified plants	» China INCI compliant



SLM Skin Lipid Matrix®

Product	INCI	Description	Details
SLM 2005	Water/Aqua, Caprylic/Capric Triglyceride, Alcohol, Hydrogenated Phosphatidylcholine, Glycerin	SLM Skin Lipid Matrix® with hydrogenated soybean phosphatidylcholine and ethanol	» China INCI compliant » Dosage: 10 - 50%
SLM 2015	Water/Aqua, Caprylic/Capric Triglyceride, Butylene Glycol, Hydrogenated Phosphatidylcholine	SLM Skin Lipid Matrix® with hydrogenated soybean phosphatidylcholine and butylene glycol	» China INCI compliant » Dosage: 10 - 50%
SLM 2026	Water/Aqua, Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii (Shea) Butter, Squalane, Ceramide NP	SLM Skin Lipid Matrix® with hydrogenated soybean phosphatidylcholine and skin-identical lipids of the stratum corneum	» China INCI compliant (Ceramide NP = Ceramide 3) » Dosage: 10 - 50%
SLM 2028	Water/Aqua, Alcohol, Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Butyrospermum Parkii (Shea) Butter, Squalane, Ceramide NP	SLM Skin Lipid Matrix® with hydrogenated soybean phosphatidylcholine and skin-identical lipids of the stratum corneum	» China INCI compliant (Ceramide NP = Ceramide 3) » Dosage: 10 - 50%
SLM 2038	NEW Water/Aqua, Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii (Shea) Butter, Squalane	SLM Skin Lipid Matrix® with hydrogenated Non-GMO sunflower phosphatidylcholine and skin-identical lipids of the stratum corneum	» China INCI compliant » Dosage: 10 - 50%



Solubilizer for Lipophilic Actives

Product	INCI	Description	Details
PHOSAL® 40 IP	Lecithin, Helianthus Annuus (Sunflower) Seed Oil, Alcohol, Tocopherol	Soybean phosphatidylcholine (≥37%) from non-genetically modified plants in organic sunflower oil. Can easily be dispersed in aqueous systems forming emulsions/liposomes	» China INCI compliant » ECOCERT approved
PHOSAL® 50 PG	Phosphatidylcholine, Propylene Glycol, Sunflower Seed Oil Glyceride, Soy Acid, Alcohol, Ascorbyl Palmitate, Tocopherol	Soybean phosphatidylcholine (≥50%) in propylene glycol. Can easily be dispersed in aqueous systems forming emulsions/liposomes	» China INCI compliant
PHOSAL® 50 SA+	Phosphatidylcholine, Carthamus Tinctorius (Safflower) Seed Oil, Glycerin, Caprylic/Capric Triglyceride, Alcohol, Sunflower Seed Oil Glyceride, Soy Acid, Ascorbyl Palmitate, Tocopherol	Soybean phosphatidylcholine (≥50%) in safflower seed oil. Can easily be dispersed in aqueous systems forming emulsions/liposomes	» China INCI compliant
PHOSAL® 53 MCT	Phosphatidylcholine, Alcohol, Caprylic/Capric Triglyceride, Sunflower Seed Oil Glyceride, Soy Acid, Ascorbyl Palmitate, Tocopherol	Soybean phosphatidylcholine (≥53%) in caprylic/capric triglycerides. Can easily be dispersed in aqueous systems forming emulsions/liposomes	» China INCI compliant
PHOSAL® 75 SA	Phosphatidylcholine, Alcohol, Carthamus Tinctorius (Safflower) Seed Oil, Sunflower Seed Oil Glyceride, Soy Acid, Ascorbyl Palmitate, Tocopherol	Soybean phosphatidylcholine (≥75%) in safflower seed oil. Can easily be dispersed in aqueous systems forming emulsions/liposomes	» China INCI compliant

Liposomal/pre-Liposomal Systems

Product	INCI	Description	Details
LIPOID Liposome 0041	Water/Aqua, Propylene Glycol, Lecithin, Phenoxyethanol, Tocopherol, Sodium Chloride, Sodium Hydroxide	Aqueous empty liposome dispersion with soybean lecithin	» China INCI compliant
Natipide® II	Water/Aqua, Lecithin, Alcohol, Tocopherol, Sodium Hydroxide	Empty pre-liposomes with soybean lecithin for incorporation of hydrophilic and lipophilic actives	» China INCI compliant



Delivery Systems with Vitamins

Product	INCI	Description	Details
PhytoSolve® 4004	Glycerin, Water/Aqua, Lecithin, Caprylic/Capric Triglyceride, Ubiquinone, Tocopherol	Finely dispersed transparent emulsion with coenzyme Q10 and soybean lecithin as single emulsifier	» China INCI compliant » Dosage: 1 - 5%
PhytoSolve® 8004	Glycerin, Tocopheryl Acetate, Caprylic/Capric Triglyceride, Water/Aqua, Lecithin, Tocopherol	Finely dispersed transparent emulsion with vitamin E-acetate and soybean lecithin as single emulsifier	» China INCI compliant » Dosage: 1 - 5%
PhytoSolve® 8009	Glycerin, Water/Aqua, Retinyl Palmitate, Lecithin, Caprylic/Capric Triglyceride, Tocopherol, Ascorbyl Palmitate	Finely dispersed transparent emulsion with vitamin A-palmitate and soybean lecithin as single emulsifier	» China INCI compliant » Dosage: 1 - 5%
Ultraspheres® 8041	Glycerin, Water/Aqua, Phosphatidylcholine, Tocopheryl Acetate, Sodium Ascorbyl Phosphate, Retinyl Palmitate, Citric Acid, Tocopherol, Ascorbyl Palmitate	Finely dispersed emulsion with vitamin A, C and E and soybean phosphatidylcholine as single emulsifier	» China INCI compliant » Dosage: 1 - 5%
LIPOID Liposome 0307	Water/Aqua, Alcohol, Hydrogenated Phosphatidylcholine, Sodium Ascorbyl Phosphate, Cholesterol, Citric Acid	Aqueous liposome dispersion with hydrogenated soybean lecithin and cholesterol, loaded with sodium ascorbyl phosphate	» China INCI compliant » Dosage: 1 - 5%
LIPOID Liposome 0638	Water/Aqua, Niacinamide, Alcohol, Lecithin, Glycerin, Potassium Phosphate, Disodium Phosphate, Sodium Hydroxide	Aqueous liposome dispersion with vitamin B3 and soybean lecithin	» China INCI compliant » Dosage: 1 - 5%

Delivery Systems with Skin Lipids

Product	INCI	Description	Details
LIPOID Cerasome 9041	Water/Aqua, Alcohol, Hydrogenated Lecithin, Cholesterol, Ceramide NG, Ceramide NP, Oleic Acid, Palmitic Acid, Sodium Ascorbate, EDTA, Sodium Hydroxide	Aqueous liposome dispersion with skin-identical lipids of the stratum corneum	» China INCI compliant (Ceramide NG = Ceramide 2 Ceramide NP = Ceramide 3) » Dosage: 5-10%
PhytoSolve® 4101	Sorbitol, Water/Aqua, Octyldodecanol, Hydrogenated Lecithin, Ceramide NG, Cholesterol	Finely dispersed transparent emulsion with ceramide 2, cholesterol and hydrogenated soybean lecithin	» China INCI compliant (Ceramide NG = Ceramide 2) » Dosage: 1 - 5%

Tailor-made Systems

Lipoid Kosmetik provides tailor-made delivery systems in industrial scale



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