

LIPOID KOSMETIK

COMPANY PROFILE

Lipoid Kosmetik is a leading manufacturer of natural raw materials for the cosmetic and personal care industry. High-quality botanical actives and extracts (Lipoid Kosmetik AG, Switzerland) as well as purified natural phospholipids (Lipoid GmbH, Germany) are part of the sophisticated portfolio.

As a pioneer in these fields, Lipoid Kosmetik has gained an outstanding reputation in the global cosmetic industry over the last 50 years. This long-standing expertise, in combination with the exceptional quality of the portfolio, enables its customers to develop and market innovative, functional, and natural cosmetic products meeting the highest standards.

Phospholipids are highly versatile materials of natural origin, which confer both technical and physiological advantages upon their formulations. They number among the body's own building blocks and are essential constituents of the human cell membrane. For this reason, they are highly biocompatible and gentle, making them ideal for use in superior high-end skin-care products. Owing to their amphiphilic nature and their ability to interact with human skin, phospholipids can serve as active ingredients for skin protection and skin rejuvenation, as carrier systems for cosmetic active ingredients, and as skin-friendly emulsifier systems.

Depending upon the specific application, preference is given to saturated (hydrogenated) or unsaturated phospholipids of plant origin:

Hydrogenated phospholipids are excellent emulsifying agents, especially for o/w emulsions and leave the skin feeling exceptionally soft. Moreover, hydrogenated phospholipids assist the natural protective barrier in repairing and reconstituting our skin. They mimic the intercellular lamellar structures of the stratum corneum and form a protective layer which has been shown to reduce transepidermal loss of water.

Unsaturated phospholipids are used as carrier systems for active cosmetic ingredients or as active ingredients themselves. Encapsulation of cosmetic ingredients by phospholipids facilitates more efficient, controlled transport of cosmetic actives into the skin. For this purpose Lipoid Kosmetik's product portfolio includes both pre-loaded carrier systems – the liposome range for hydrophilic actives – as well as PhytoSolve® technology for lipophilic actives. Lipoid Kosmetik offers a variety of empty carrier systems for encapsulation of individual actives: the Natipide® series for hydrophilic actives and the PHOSAL® series for lipophilic actives.

Many of the phospholipid products are based on non-GMO soybean or sunflower lecithin, making them suitable for COSMOS-approved formulations.

Phospholipids are not only produced from renewable natural raw materials but are also completely biodegradable. This makes them a perfect fit for today's zeitgeist, which is characterized by the ever-increasing importance of sustainability.

INTENSIVE SKIN CARE BODY LOTION

PHASE	PRODUCT	SUPPLIERS	INCI NAME	% W/W
A	Deionized Water		Aqua (Water)	ad 100
	Cosphaderm® X 34	1	Xanthan Gum	0.50
\mathbf{O}	Glycerin 86.5 %		Glycerin, Aqua (Water)	2.00
13	LIPOID P 75-3	2	Hydrogenated Lecithin	3.00
	dermosoft® OMP	3	Methylpropanediol, Caprylyl Glycol, Phenylpropanol	4.00
В	Cetearyl Alcohol		Cetearyl Alcohol	1.50
	Shea Butter		Butyrospermum Parkii (Shea) Butter	2.50
			Caprylic/Capric Triglyceride	6.00
	Squalane		Squalane	7.00
С	PRODEW® P-DS-12	4	Sodium Caproyl Prolinate, Aqua (Water)	2.00
D	PHOSAL® 40 IP	2	Lecithin, Helianthus Annuus (Sunflower) Seed Oil, Alcohol, Tocopherol	4.00
	Bisabolol	79° a	Bisabolol	1.00
E	Soft Care P0240584	5	Parfum (Fragrance)	0.30
	Citric Acid		Citric acid	q.s.

Procedure: Mix components of A at 70°C. Mix components of B to 60°C. Add B to A and homogenize with a rotor-stator mixer. Cool down to 40°C while stirring. Add C. Mix components of D until a homogenous solution is obtained. Add D to ABC at about 40°C. Add E to the mixture. Adjust pH to approx. 6.0 if necessary. Homogenize again shortly. Wait one day for final viscosity.

Properties: Appearance: slightly beige lotion; pH value: approx. 6.0; Viscosity value: ~1800 mPas (Anton Paar ViscoQC 300-R Sp 3/50 rpm/25°C)

Suppliers: 1. Cosphatec 2. Lipoid Kosmetik 3. Evonik Dr. Straetmans 4. Ajinomoto 5. Frey & Lau

NATURAL BODYSTICK

PHASE	PRODUCT	SUPPLIERS	INCI NAME	% W/W
A	Almond Oil		Prunus Amygdalus Dulcis (Sweet Almond) Oil	14.50
	Squalane		Squalane	34.50
	Babassu Oil		Orbignya Oleifera (Babassu) Seed Oil	5.00
	Cocoa Butter		Theobroma Cacao (Cocoa) Seed Butter	5.00
	Berry Wax		Rhus Verniciflua Peel Cera	22.00
	Sunflower Wax		Helianthus Annuus (Sunflower) Seed Wax	0.50
	LIPOID P 75-3	1	Hydrogenated Lecithin	18.00
В	Rose Flower (Petal)	1	Helianthus Annuus (Sunflower)	0.50
	Herbasol® Extract sunflower oil		Extract, Tocopherol	0.50

Procedure: Melt components of A at 77°C. Dissolve LIPOID P 75-3. Cool down to 70°C. Add the extract and stir shortly. Pour in molds. Put molds in fridge for 30 minutes

Properties: Appearance: slightly yellow solid: pH value: n.a.

Suppliers: 1. Lipoid Kosmetik



FORMULATIONS

SOFT REFINE CREAM

PHASE	PRODUCT	SUPPLIERS		% W/W
A		1	Aqua (Water), Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii (Shea) Butter, Squalane, Ceramide NP	25.00
в	Deionized Water	*	Aqua (Water)	ad 100
29	Glycerin 86.5 %		Glycerin, Aqua (Water)	4.00
、兼	Cosphaderm® X 34	2	Xanthan Gum	0.50
	Amigum SM-2	3	Sclerotium Gum	0.75
∰ 9	Cosphaderm [®] Pentiol natural	2	Pentylene Glycol	3.75
	PRODEW® P-DS-12	4	Sodium Caproyl Prolinate, Aqua (Water)	2.00
c	Dermofeel Sensolve	5	Isoamyl Laurate	5.,00
	MCT 159		Caprylic/Capric Triglyceride	5.00
	Sheabutter	2 8 11	Butyrospermum Parkii (Shea) Butter	5.00
	Cetearyl Alcohol	E AL	Cetearyl Alcohol	1.00
D	LIPOID Liposome B3	1	Aqua (Water), Niacinamide, Alcohol, Lecithin, Glycerin, Potassium Phosphate, Disodium Phosphate, Sodium Hydroxide, Tocopherol	1.00
	Siberian Ginseng Pro	11	Aqua (Water), Glycerin, Acanthopanax Senticosus (Eleuthero) Root Extract, Sodium Benzoate, Citric Acid, Potassium Sorbate	1.00
	Soft Care P0240584	6	Parfum (Fragrance)	0.20
E	Citric Acid		Citric acid	q.s.

Procedure: Heat A up to 40°C. Mix components of B at 40°C. Mix components of C at 60 °C. Add B & C to A. Homogenize ABC. Cool down while stirring. Add D. Adjust pH if necessary to 6.0.

Properties: Appearance: white, soft cream; pH value: approx. 6.0; Viscosity value: -1000 mPas (Anton Paar ViscoQC 300-R Sp 5/200 rpm/25°C)

Suppliers: 1. Lipoid Kosmetik 2. Cosphatec 3. Alban Muller 4. Ajinomoto 5. Evonik Dr. Straetmans 6. Frey & Lau

Lipoid Kosmetik AG | info@lipoid-kosmetik.com www.lipoid-kosmetik.com





- Natural, solid skin care formulation
- Hydrogenated phospholipids for a special skin feel