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 45 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 lecithins and 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 certified. Our Lipoid GmbH 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.

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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.

Skin Repair & Protection >> Saturated phospholipids help to repair and restore our skin’s natural protective barrier. They mimic the lamellar structure of the extracellular matrix and form a protective layer, preventing the skin from water loss.

Skin Rejuvenation >> Unsaturated phospholipids are key molecules involved in the process of skin formation and skin renewal. As cosmetic active ingredients, they can significantly counteract the visible signs of skin-aging on a cellular level.

Emulsifier >> Phospholipids are excellent emulsifiers, especially for o/w emulsions.

Skin Texture Modifier >> Phospholipids leave the skin with a highly pleasant and smooth feeling.

Carrier for Cosmetic Actives >> Encapsulation of cosmetic ingredients with phospholipids (liposomal or as nanoemulsion) can be used to achieve a more efficient and controlled transport of biologically active substances into the skin.

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

INCI Nomenclature

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

<table>
<thead>
<tr>
<th>INCI Name</th>
<th>Type of Phospholipid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecithin</td>
<td>Lecithin with &lt; 80% phosphatidylcholine</td>
</tr>
<tr>
<td>Hydrogenated Lecithin</td>
<td>Hydrogenated Lecithin with &lt; 80% phosphatidylcholine</td>
</tr>
<tr>
<td>Phosphatidylcholine</td>
<td>Lecithin fraction with ≥ 80% phosphatidylcholine</td>
</tr>
<tr>
<td>Hydrogenated Phosphatidylcholine</td>
<td>Hydrogenated Lecithin fraction with ≥ 80% phosphatidylcholine</td>
</tr>
</tbody>
</table>
## Lecithins & Phospholipids

<table>
<thead>
<tr>
<th>Origin</th>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean</td>
<td>LIPOID S 45</td>
<td>Lecithin, Tocopherol</td>
<td>Soybean lecithin with 45% phosphatidylcholine</td>
<td>&gt; China INCI compliant</td>
</tr>
<tr>
<td></td>
<td>LIPOID S 75</td>
<td>Lecithin, Tocopherol</td>
<td>Soybean lecithin with 70% phosphatidylcholine</td>
<td>&gt; China INCI compliant</td>
</tr>
<tr>
<td></td>
<td>PHOSPHOLIPON® 90 G</td>
<td>Phosphatidylcholine, Ascorbyl Palmitate, Tocopherol</td>
<td>Soybean phosphatidylcholine (≥94%)</td>
<td>&gt; China INCI compliant</td>
</tr>
<tr>
<td>Soybean (Non-GMO)</td>
<td>LIPOID P 20</td>
<td>Lecithin, Tocopherol</td>
<td>Soybean lecithin with 20% phosphatidylcholine from non-genetically modified plants</td>
<td>&gt; COSMOS-approved raw material &gt; China INCI compliant</td>
</tr>
<tr>
<td></td>
<td>LIPOID P 45</td>
<td>Lecithin, Tocopherol</td>
<td>Soybean lecithin with 45% phosphatidylcholine from non-genetically modified plants</td>
<td>&gt; COSMOS-approved raw material &gt; China INCI compliant</td>
</tr>
<tr>
<td></td>
<td>LIPOID P 75</td>
<td>Lecithin, Tocopherol</td>
<td>Soybean lecithin with 70% phosphatidylcholine from non-genetically modified plants</td>
<td>&gt; COSMOS-approved raw material &gt; China INCI compliant</td>
</tr>
<tr>
<td></td>
<td>LIPOID P 100</td>
<td>Phosphatidylcholine, Tocopherol</td>
<td>Soybean phosphatidylcholine from non-genetically modified plants</td>
<td>&gt; COSMOS-approved raw material &gt; China INCI compliant</td>
</tr>
<tr>
<td>Sunflower (Non-GMO)</td>
<td>LIPOID H 20</td>
<td>Lecithin, Tocopherol</td>
<td>Sunflower lecithin with 20% phosphatidylcholine from non-genetically modified plants</td>
<td>&gt; COSMOS-approved raw material &gt; China INCI compliant</td>
</tr>
<tr>
<td></td>
<td>LIPOID H 100</td>
<td>Phosphatidylcholine, Tocopherol</td>
<td>Sunflower phosphatidylcholine from non-genetically modified plants</td>
<td>&gt; COSMOS-approved raw material &gt; China INCI compliant</td>
</tr>
<tr>
<td>Egg</td>
<td>LIPOID E</td>
<td>Lecithin, Tocopherol</td>
<td>Egg lecithin with 70% phosphatidylcholine</td>
<td>&gt; China INCI compliant</td>
</tr>
</tbody>
</table>
### Lecithins & Phospholipids (Hydrogenated)

<table>
<thead>
<tr>
<th>Origin</th>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean</td>
<td>PHOSPHOLIPON® 80 H</td>
<td>Hydrogenated Lecithin</td>
<td>Hydrogenated soybean lecithin with 70% phosphatidylcholine</td>
<td>China INCI compliant</td>
</tr>
<tr>
<td></td>
<td>PHOSPHOLIPON® 90 H</td>
<td>Hydrogenated Phosphatidylcholine</td>
<td>Hydrogenated soybean phosphatidylcholine (≥90%)</td>
<td>China INCI compliant</td>
</tr>
<tr>
<td>Soybean (Non-GMO)</td>
<td>LIPOID P 75-3</td>
<td>Hydrogenated Lecithin</td>
<td>Hydrogenated soybean lecithin with 70% phosphatidylcholine from non-genetically modified plants</td>
<td>COSMOS-approved raw material</td>
</tr>
<tr>
<td></td>
<td>LIPOID P 100-3</td>
<td>Hydrogenated Phosphatidylcholine</td>
<td>Hydrogenated soybean phosphatidylcholine (≥90%) from non-genetically modified plants</td>
<td>China INCI compliant</td>
</tr>
<tr>
<td>Sunflower (Non-GMO)</td>
<td>LIPOID H 100-3</td>
<td>Hydrogenated Phosphatidylcholine</td>
<td>Hydrogenated sunflower phosphatidylcholine (≥90%) from non-genetically modified plants</td>
<td>COSMOS-approved raw material</td>
</tr>
</tbody>
</table>

### SLM Skin Lipid Matrix®

<table>
<thead>
<tr>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLM 2026</td>
<td>Aqua (Water), Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii (Shea) Butter, Squalane</td>
<td>SLM Skin Lipid Matrix® with hydrogenated soybean phosphatidylcholine and skin-identical lipids of the stratum corneum</td>
<td>China INCI compliant (Ceramide NP = Ceramide 3) Dosage: 10 - 30%</td>
</tr>
<tr>
<td>SLM 2038</td>
<td>Aqua (Water), Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii (Shea) Butter, Squalane</td>
<td>SLM Skin Lipid Matrix® with hydrogenated Non-GMO sunflower phosphatidylcholine and skin-identical lipids of the stratum corneum</td>
<td>COSMOS-approved raw material China INCI compliant Dosage: 10 - 30%</td>
</tr>
</tbody>
</table>
## Empty Liposomal Carrier for Hydrophilic Substances

<table>
<thead>
<tr>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
</table>
| Natipide® Eco  | Aqua, Lecithin, Glycerin, Pentylene Glycol, Tocopherol, Sodium Hydroxide, | Empty pre-liposomes with Non-GMO soybean lecithin for encapsulation of hydrophilic actives     | » COSMOS-approved raw material  
» in vivo data  
» China INCI compliant |
| Natipide® II   | Aqua (Water), Lecithin, Alcohol, Tocopherol, Sodium Hydroxide          | Empty pre-liposomes with soybean lecithin for encapsulation of hydrophilic actives              | » China INCI compliant                       |

## Liposomal Delivery Systems with Hydrophilic Actives

<table>
<thead>
<tr>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
</table>
| LIPOID Liposome 0638 with Niacinamide | Aqua (Water), Niacinamide, Alcohol, Lecithin, Glycerin, Potassium Phosphate, Disodium Phosphate, Sodium Hydroxide, Tocopherol | Aqueous liposome dispersion loaded with niacinamide                                            | » China INCI compliant  
» Dosage: 1-5% |
| Caffeine Herbasome® with Caffeine | Aqua (Water), Niacinamide, Propylene Glycol, Caffeine, Lecithin, Phenoxyethanol, Tocopherol | Aqueous liposome dispersion with caffeine for enhanced skin & hair stimulation                 | » in vitro data  
» China INCI compliant  
» Dosage: 1 - 5% |
### Empty Carrier for Lipophilic Substances

<table>
<thead>
<tr>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
</table>
| **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. | • COSMOS-approved raw material  
• China INCI compliant  
• in vitro data |
| **PHOSAL® 50 SA+** | Phosphatidylcholine, Carthamus Tintorius (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. | |
| **PHOSAL® 53 MCT** | Phosphatidylcholine, Caprylic/Capric Triglyceride, Alcohol, Sunflower Seed Oil Glyceride, Oleic Acid, Ascorbyl Palmitate, Tocopherol | Soybean phosphatidylcholine (≥50%) in medium-chain triglycerides (MCT). Can easily be dispersed in aqueous systems forming emulsions/liposomes. | |

### Delivery Systems with Lipophilic Actives

<table>
<thead>
<tr>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
</table>
| **PhytoSolve® 4021 with Coenzyme Q10** | Glycerin, Aqua (Water), Ubiquinone, Caprylic/Capric Triglyceride, Lecithin, Tocopherol, Sodium Hydroxide | Finely dispersed transparent emulsion with coenzyme Q10 and soybean lecithin (Non-GMO) as single emulsifier. | • China INCI compliant  
• Dosage: 1 - 5%  
• in vitro data |
| **Phytosolve® 8034 with Vitamin A** | Glycerin, Aqua (Water), Retinyl Palmitate, Caprylic/Capric Triglyceride, Lecithin, Tocopherol | Finely dispersed transparent emulsion with vitamin A and soybean lecithin (Non-GMO) as single emulsifier. | • China INCI compliant  
• Dosage: 1 - 5%  
• in vitro data |

### Delivery Systems with Hydrophilic and Lipophilic Actives

<table>
<thead>
<tr>
<th>Product</th>
<th>INCI</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
</table>
| **Ultraspheres® 8041 with Vitamin A, C and E** | Glycerin, Aqua (Water), 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% |

### Tailor-made Systems

Lipoid Kosmetik provides tailor-made delivery systems in industrial scale.
SWITZERLAND
Lipoid Kosmetik AG
Sennweidstr. 44/46
6312 Steinhausen
SWITZERLAND
Phone: +41 41 748 3333
Fax: +41 41 748 3344
E-Mail: info@lipoid-kosmetik.com

GERMANY
Lipoid Kosmetik GmbH
Ritterstr. 42
47228 Duisburg
GERMANY
Phone: +49 2065 61045
Fax: +49 2065 66661
E-Mail: info@lipoid-kosmetik.de

FRANCE
Lipoid SARL
23 Bd Emile Zola
BP 43125
06130 Grasse Cedex
FRANCE
Phone: +33 4 93 366326
Fax: +33 4 93 363585
E-Mail: info@lipoid.fr

GREAT BRITAIN
Lipoid Kosmetik Ltd.
Unit 10, Delta Court
Manor Way
Borehamwood
GB – WD6 1FJ Hertfordshire
UK
Phone: +44 203 761 3000
Fax: +44 203 761 3010
E-Mail: info@lipoidkosmetik.co.uk

RUSSIA, UKRAINE & GEORGIA
Lipoid AG
Representative Office Moscow
Acad. Pugina Str. 24
Office 105
Moscow, 117393
RUSSIA
Phone: +7 495 747 5942
Fax: +7 495 747 5942
E-Mail: moscow@lipoid.com

USA, CANADA & MEXICO
Lipoid LLC
The National Newark Building
744 Broad Street, Suite 1801
Newark, NJ 07102 - 3802
USA
Phone: +1 973 735 2692
Fax: +1 973 735 2698
E-Mail: info-lipoidllc@lipoid.com

SALES FOR ALL OTHER COUNTRIES
Lipoid Kosmetik AG
Sennweidstr. 44/46
6312 Steinhausen
SWITZERLAND
Phone: +41 41 748 3333
Fax: +41 41 748 3344
E-Mail: info@lipoid-kosmetik.com