

Oat Lipid e

LIQUID SKIN



A NATURAL LIPID COMPLEX CONTAINING 10% POLAR LIPIDS AND SKIN EQUIVALENT PHOSPHOLIPIDS AND CERAMIDES.

Oat Lipid e - *Avena sativa* (Oat) Kernel Oil is a natural, multifunctional lipid complex that contains approximately 10% polar lipids. It has excellent absorbency and protective properties which enhance skin feel, moisturize and soothe the skin. The ceramides and membrane equivalent phospholipids contained within Oat Lipid e, support the barrier function helping to keep skin in a healthy condition, slowing down skin aging and maintaining the stratum corneum.

TECHNICAL DATA*



| INCI | <i>Avena sativa</i> (Oat) Kernel Oil |
|-----------------------------|--------------------------------------|
| Origin | Sweden |
| Physical Form | Liquid |
| Colour | Golden |
| Total Neutral Lipids | 90% |
| Total Polar Lipids | 10% |
| Ceramides and Sphingolipids | >1% |
| Saturated Fatty Acids | 16.8% |
| Monosaturated Fatty Acids | 43.8% |
| Polyunsaturated Fatty Acids | 39.4% |

Pack Sizes: 5kg, 20kg

*Indicative Typical Values

RICH IN CERAMIDES

Quantitative analysis of Oat Lipid e indicates a minimum total ceramide content of 1% of total lipids. Ceramides hold skin cells together, forming a protective layer that plumps the skin and retains moisture. Ceramides are used in skincare products to replenish natural lipids lost from exposure to harsh environmental factors, use of drying products and the natural aging process.

WHY OAT LIPID?



Benefits

- ▶ Outstanding skin absorbancy resulting in a non-greasy feeling.
- ▶ Non-comedogenic oil that shows a statistically significant reduction in papules, blackheads and lesions.
- ▶ Acts as an occlusive and a humectant thanks to the high ceramide content.

Formulation Guidelines

Recommended Usage level:

1-5% for skin applications.
0.5% for hair care.

Recommended Temperature:

Formulate up to 75°C.

Recommended pH Level:

Can be formulated within a wide range of pH levels.

Approvals

- ▶ Raw material approved by Ecocert in accordance with the COSMOS Standard
- ▶ Not Tested on Animals
- ▶ GMO Free
- ▶ Hypoallergenic
- ▶ Free From Allergens
- ▶ EU and US Approved Safe Oil