

Fermira™ RedOil

INCI: Rhodotorula oil

Active • Skincare • Haircare



Red Oil with real potential

Fermira™ RedOil shows hallmark functionalities of retinoids and delivers antioxidant benefits, helping to support healthy, resilient skin.



Skin
renewal &
hydration



Skin
barrier
support



Stress
response
support



Antioxidant
benefits

A versatile, modern active

- ✓ Retinol replacement or complementary
- ✓ Light, non-greasy feel
- ✓ Quick absorption
- ✓ Velvet finish
- ✓ Easy to formulate – drop in

Recommended
use level

1–2%

Can be higher

For use in

Face, body,
hair/scalp
Makeup and suncare
under evaluation



Antioxidant capacity

RedOil shows a good antioxidant profile. In DPPH assay (~42.5%) it performs on a similar level to **vitamin A** and **astaxanthin** and outperforms Co-Q10. In hydroxyl radical scavenging (~30.3%) it outperforms or matches activity of **vit A**, **vit E**, **astaxanthin**, **Co-Q10** and **resveratrol**.

Formulation example

Two-phase moisturizing mist

- 10% RedOil
- Light, hydrating feel
- Easy to incorporate
- Pairs well with other actives



ZymaLipid Complex

INCI: Linoleic/Oleic/Palmitic Acid



Substitutes for:
Fossil-based ingredients •
Tropical butters • Palm oil



A versatile lipid for modern formulations

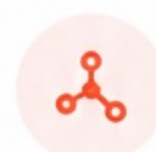
ZymaLipid Complex is a free fatty acid blend designed to support emollience, skin barrier function and formulation stability — with a unique, luxurious texture.



Emollient



Skin barrier support



Enhances skin penetration



Co-emulsifier and texturiser

Key benefits

- ✓ Multifunctional
- ✓ Fully natural source of fatty acids
- ✓ Non-palm derived
- ✓ COSMOS certified
- ✓ Vegan certified
- ✓ Lower carbon footprint
- ✓ Helps improve emulsion stability
- ✓ Supports active performance

Unique texture

Solid at room temperature
Liquid at body temperature

Recommended use level

1-5%

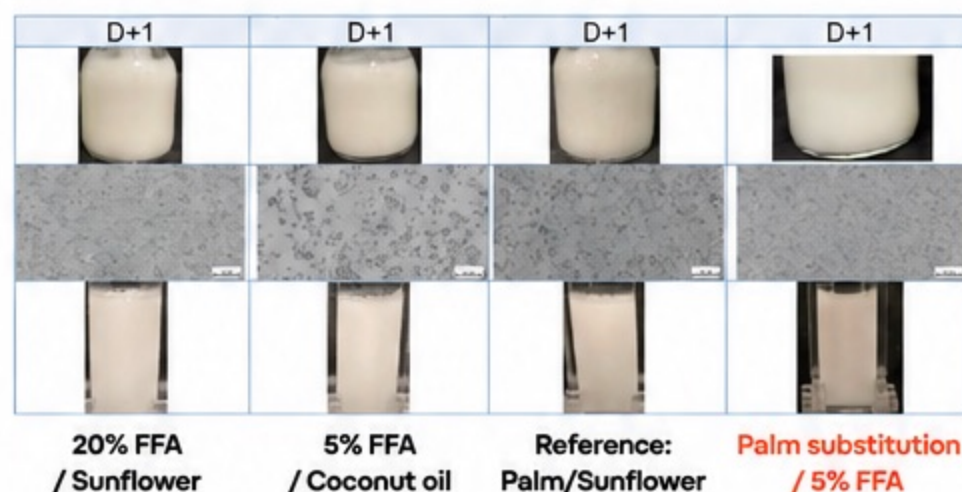
For use in

Face, body and hair
Make up
Suncare under evaluation
Compatible with other ingredients



Emulsion stability

ZymaLipid Complex helps create stable and homogeneous emulsions. FFA promotes finer droplets and reduces flocculation with no irreversible destabilization observed.



Encapsulated Oil

INCI: Rhodotorula Ferment



Multipurpose • Skincare • Haircare



A nutrient-rich ingredient for modern formulations

ÄIO Encapsulated oil is a nutrient-rich powder containing **~50% of oils**, 10% proteins and amino acids, 5% glucans, carotenoids, vitamins, polyphenols and antioxidants.



Skin moisturization



Skin barrier defense & repair



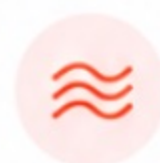
Skin microbiome support



Skin renewal & longevity



High antioxidant potential



Rich in bioactives

Key benefits

- ✓ Vegan certified
- ✓ COSMOS certified
- ✓ Non-synthetic, fully natural
- ✓ Sustainable technology
- ✓ High natural carotenoid content
- ✓ No inflammation, gentle
- ✓ Early adopters – pioneering innovation

Form

Powder

Use

- Powder form
- Multifunctional ingredient
- Enhances skin feel and smoothness
- Delivers active and nutritional benefits
- Face, body and hair care
- Make-up and waterless formulations

For use in

1–4% (in prototypes)

NATURE
DRIVEN
RESULTS

