



Actosome Retinol Palmitate(20)

PRODUCT DATA SHEET

Description

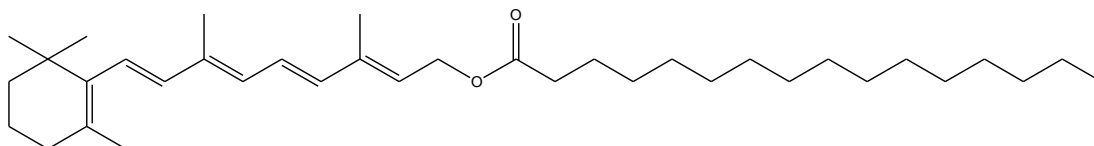
Actosome Retinol Palmitate(20) is a nano-sized liposome of biologically active Retinyl palmitate commonly called Vitamin A Palmitate. Liposome is spheres composed of aggregated hydrogenated lecithin walls and the core active Retinyl palmitate, which has regenerative and anti-wrinkle properties. By attaching and fusing to the skin lipid barriers, Actosome Retinol Palmitate(20) may deliver Retinyl palmitate to the inner skin layer.

Application and Benefits

- Improve releasing effect of Retinyl palmitate to inner skin layers
- Prevents premature ageing of the skin
- Keep the efficacy of Retinyl palmitate in the final cosmetic formulations
- Stimulate cell regeneration and builds collagen.

Product Identification

INCI Name : Glycerin (and) Retinyl palmitate (and) Water (and) Caprylic/Capric Triglyceride (and) Phaseolus Radiatus Seed Extract (and) Avena Sativa (Oat) Meal Extract (and) Hydrogenated Lecithin (and) Cholesterol



Vitamin A palmitate: $C_{36}H_{60}O_2$

Molecular Weight : 524.860 g/mol

Specifications

TESTS	SPECIFICATIONS
Appearance	Light yellowish to yellow colored viscous liquid with characteristic odor
pH	6.0 ~ 8.0
Heavy metal	Less than 20 ppm
Arsenic	Less than 2 ppm
Assay (Retinyl Palmitate) by HPLC	19.50 ~ 21.50 %
Microbial count	Less than 100CFU/g



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Stability and Storage

Actosome Retinol Palmitate(20) is fairly stable to air, moisture, and heat. The use of antioxidants and UV filters in the formulations would be helpful for the stability. Actosome Retinol Palmitate(20) can be easily added to the emulsion at the last step below 60 °C in low-speed agitation. The product can be stored for 18 months from the date of manufacture in the unopened original container and at a temperature below 4 °C.

Standard Packaging

1 kg Plastic Bottle

Legal notice

This information provided herein by BiochemPro Corporation is based on our current knowledge and experience. We recommend that you make tests for suitability of a product to your particular purpose prior to use. It does not relieve you to perform your own precautions and tests. You must comply with all applicable laws and regulations, and observe all third party rights.

BiochemPro Corporation

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