



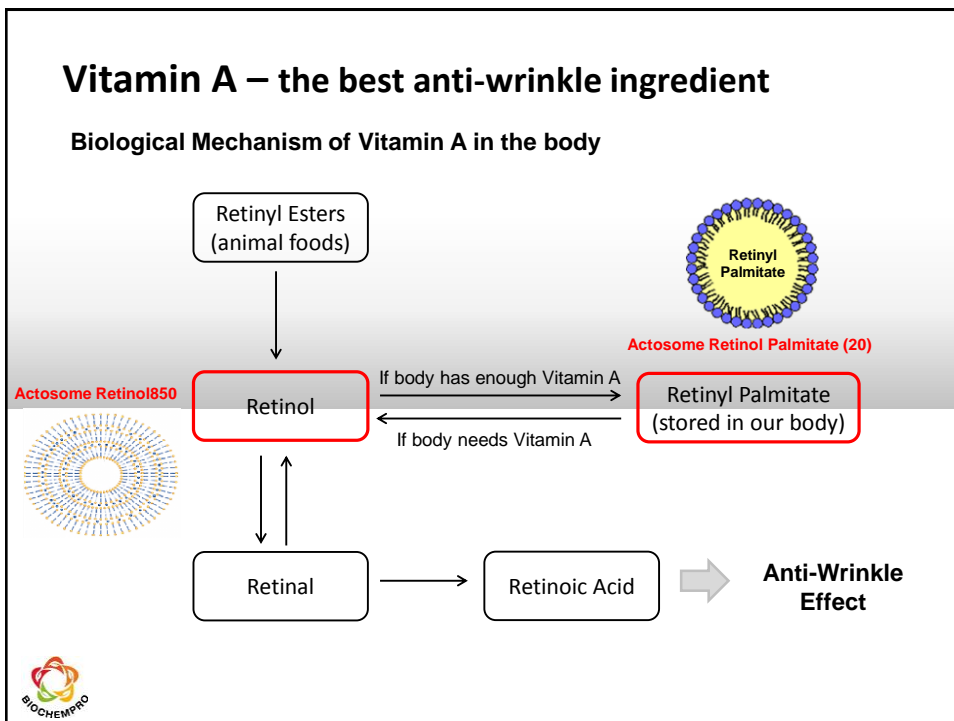
Actosome Retinol Palmitate (20)

A Better Stabilized Vitamin A for skin care



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UPCOMING NEWS— Feel free to contact to
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Vitamin A – the best anti-wrinkle ingredient

Retinol vs Retinyl Palmitate

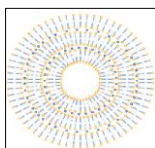
◆ Strongest anti-wrinkle effect

- ❖ Limitation in package
- ❖ Limitation in application(night cream)
- ❖ Slight irritation
- ❖ Slight less stability

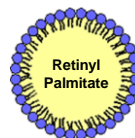
◆ Good anti-wrinkle effect

- ❖ More freedom in package
- ❖ More freedom in application
- ❖ No irritation
- ❖ More stable

Stabilized Retinol
Actosome Retinol850



Stabilized Retinyl Palmitate
Actosome Retinol Palmitate (20)



For Cosmetic Application



Vitamin A – the best anti-wrinkle ingredient

Korean Functional Cosmetics Law for Anti-Wrinkle

Two Vitamin A derivatives
in registered anti-wrinkle
Ingredients

● Vitamin A
(Retinol)
2,500 IU/gram

● Vitamin A Palmitate
(Retinyl Palmitate)
10,000 IU/gram

**If your product contain the above concentration of Retinol or Retinyl Palmitate,
your product is eligible to claim anti-wrinkle**



**Standard of efficacy
for anti-wrinkle cosmetics**

➤ The stability of Vitamin A Palmitate is better than Vitamin A acetate



Actosome Retinol Palmitate (20)

❖ Biological efficacy of Actosome Retinol Palmitate (20)

- Stimulates cell proliferation in the epidermis
- Improves the elasticity of the skin
- Helps to normalize photo-damaged skin
- Helps in wound healing
- Reduces UV-induced wrinkle formation
- regulates keratin formation



- ◆ 20% Retinyl Palmitate (equal to 360,000 IU/g)
-> 3% Actosome Retinol Palmitate (20) to cosmetics \approx 10,800 IU/g
- ◆ Good Stability - more than 98% remained at 45 °C for 5 weeks
- ◆ Easy to Use – Water Dispersible



Actosome Retinol Palmitate (20)

❖ User Guides

- ◆ 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
- ◆ Recommendation dosage : 3%
- ◆ Formulation tips
 - For day creams, add UV filters to improve light stability
 - Recommend to use Antioxidants
(0.1% ~ 0.3% tocopherol & BHT or BHA)



Market products with Retinyl Palmitate

- ❖ Brand Name :
Estee Lauder Advanced Night Repair
- ❖ Manufacturer : Estee Lauder
- ❖ Main Ingredients :
Bifida Ferment Lysate, Retinyl Palmitate
- ❖ Main Concepts :
Repairs past visible damage
Helps protect skin's future
- ❖ Country : USA



Market products with Retinyl Palmitate

- ❖ Brand Name :
Frei Oel HYDROLIPID BALANCE PflegeÖl- 125ml
- ❖ Manufacturer : Frei
- ❖ Main Ingredients : Vitamin A & E
- ❖ Main Concepts :
Jojoba oil and wheat germ oil strengthen the hydro-lipid film
and support the skin's natural regeneration in combination
with vitamins A and E
- ❖ Country : Germany



Market products with Retinyl Palmitate

- ❖ Brand Name :
Vitamin A Retinyl Palmitate Wrinkle Treatment Cream
- ❖ Manufacturer : DERMAE
- ❖ Main Ingredients : Retinyl Palmitate
- ❖ Main Concepts :
Vitamin A at high potency (10,000 I.U. / 100gm) helps diminish the appearance of age lines and wrinkles on the skin while leaving it soft, smooth, and supple.
- ❖ Country : USA



Market products with Retinyl Palmitate

- ❖ Brand Name :
L'OREAL Revitalift Age Protection Day Lotion SPF 30 – 50ml
- ❖ Manufacturer : L'Oreal
- ❖ Main Ingredients : Retinyl Palmitate
- ❖ Main Concepts :
This potent formula contains Pro Retinol A to accelerate skin renewal and Elastin Complex to help rebuild skin's damaged fibers.
- ❖ Country : USA

