

# Vegetal Petrolatum R15

Preservative Free

100% Vegetable Origin



Approved by ECOCERT for use in cosmetics certified according to the ecological and organic standards

**INCI name** Ricinus Communis (Castor) Seed Oil (and) Hydrogenated Castor Oil (and) Copernicia Cerifera (Carnauba) Wax

New natural plant-based product which has physical & cosmetic attributes similar to those of petroleum derived petrolatum

**Vegetal** Petrolatum R15 - Is a totally natural gel derived from castor oil, which is blended with other natural ingredients to make a solid and stable material. Characteristics are similar to that of Petrolatum.

## Cosmetic attributes of **Vegetal** Petrolatum R15

- **Consumer image** this product can be used as an alternative to standard petrolatum which has recently had very bad press.
- **Natural** unlike petrolatum.
- **Intensive moisturiser** (occlusive) - **Vegetal** Petrolatum R15 performs as a moisturiser on skin application, it forms a thin film layer (barrier) on the skin surface to prevent water loss from the skin, thus acting as a skin moisturiser by retaining water and preventing TEWL (transepidermal water loss).
- **Water resistant** this material is a blend of oils, therefore is water resistant
- **Shine** like petrolatum this ingredient can help add shine to the hair.
- **Viscosity** of the finished product can be increased by **Vegetal** Petrolatum R15.
- **Hair conditioning,** **Vegetal** Petrolatum R15 act as hair conditioning agent.

## Suggested Cosmetic & Toiletry applications for **Vegetal** Petrolatum R15

It is used in formulations when a fairly high viscosity and require good skin after feel and fairly good skin slip.

It can be used in a wide variety of bases, including the following-:

balms, lotions, creams, lipsticks, hair styling products, thick creams, sticks and many other formulation types as it helps build product viscosity . In some cases it can be the basis of the formulation.

- **Suncare creams** especially **aftersun** where extra moisturisation is required.
- **Nightcreams,** when nightcreams are applied they remain on the skin for a long period of time.
- **Moisturising creams** **lip creams** and **balms**, the face is exposed to the atmosphere constantly and thus much more affected by transepidermal waterloss.
- **Hand and nail creams** suggested here, for the same reasons as that with face.
- **Hair conditioners** **pomades, putty, gels, waxes,** etc to add shine to the hair and viscosity to the formulation.

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*Vegetal*

Petrolatum R15

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Main characteristics

Appearance, 20°C	Semi-transparent gel
Colour	Ivory to pale yellow
Odour	Faint, characteristic
Melting point, °C range	62 – 72
Cone penetration, 25°C	180 max
Iodine value	90 max
Acid value	2.0 max

Standard packaging

White plastic pails, 25kg net

Storage

Store in a cool dry place in original unopened containers

Shelf life

24 months in original unopened packaging