

VEGELINE®

100% VEGETABLE-BASED TEXTURING EMOLLIENT AS ALTERNATIVE TO PETROLATUM, PETROLEUM JELLY, PARAFFIN AND OTHER PETROCHEMICAL RAW MATERIALS

NATURAL - FUNCTIONAL - SENSORIAL - LOW-COST

The use of vegetable oils, butters and waxes allows **the development of competitive, powerful and comfortable finished products**, which are both **consumer-friendly and environment-friendly**, instead of raw materials derived from petroleum. Thanks to its experience in the field of "green chemistry" and the manufacture of natural ingredients, **SOPHIM** has designed **VEGELINE®** :
a new vegetable ingredient for replacing petrolatum or petrochemical bases in personal care and beauty products. It is composed by **castor oil and carnauba wax** in order to offer benefits not only to the formulation but also to the skin.

MAIN PROPERTIES

VEGELINE® is a 100% vegetable alternative to petrolatum with similar texturing effects but improved properties for cosmetic use:

- **Moisture retaining effect**, preventing the TEWL (trans epidermal water loss).
- **Soft during use**, it has sensorial properties and smooth after-feel like vegetable butters.
- **Water resistant function** offered by the original blend of castor oil and carnauba wax.
- **Emollient with nice skin feel**, much less greasy than petrolatum and no sticky residual effect.
- **Film forming properties for long-lasting effect and skin protection.**
- **Thickening agent** for the oily phase of the formulation, it gives **structure, consistency and viscosity** to finished products.
- **Non irritant, non comedogenic, VEGELINE®** has **better skin compatibility** than petrochemical oils or polymers.

CHOOSE YOUR FAVORITE VISCOSITY

VEGELINE® 65 : drop melting point 62°C - 72°C

VEGELINE® 70 : drop melting point 65°C - 75°C

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APPLICATIONS

Thanks to its composition and its nice texturing properties, **VEGELINE®** is recommended for:

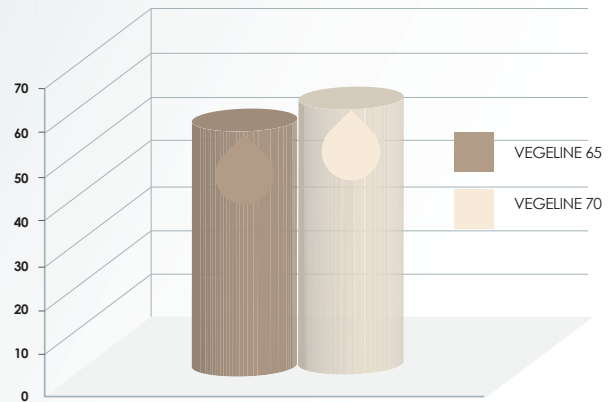
- **Natural emollient in skin care** (moisturizing creams, after-shower lotions, body milks)
- **Moisturizer for lip care** (lip balms, lip creams, lipsticks)
- **Nourishing base in hair care** (conditioners, creamy shampoos, gels, waxes)
- **Skin protective agent in sun care** (sunscreens, hydrating after-sun lotions)
- **It gives nice consistency into decorative products**, foundations and make-up.

PERMEABILITY STUDY

The determination of water vapour permeability and the water vapour transmission rate have been performed according to the principles of the standard NF ISO 2528 (09/2001) and according to the standard ASTM E96.

INCI name : Ricinus Communis (Castor) Oil (and) Hydrogenated Castor Oil (and) Copernicia Cerifera (Carnauba) Wax.

REACH status : Registered
China : Approved



FORMULATIONS

- Recommended level of use : 1% - 50%
- Easily incorporated into the oil phase
- Stable versus oxidation
- Compatible with all types of emollients

VEGELINE ACTS ON THE SENSES.

It is the perfect synergy of vegetable ingredients offering new alternatives and solutions for sustainable products. It brings ① sensory texture ② efficacy by restoring / protecting the skin barrier ③ safe compatibility. This combination will inspire your innovation for a global skin care and beauty effect.

PRODUCT PACKED IN **25 KG BUCKETS**, OPTIMAL SHELF LIFE **24 MONTHS**. **FREE SAMPLES** UPON REQUEST.



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