

nature-based
petrolatum alternative

all about castor-based emollient

A versatile ingredient derived from *Ricinus communis* (castor) seed oil and hydrogenated castor oil, **Castorlatum™ Emollient** can be found in a variety of personal care applications. This vegetable-derived moisturizer has strong pigment wetting abilities, contains no VOCs, and is biodegradable.

- compatible with a wide range of other ingredients
- semi-solid consistency makes it easy to incorporate into formulations
- acts as an occlusive barrier to decrease transepidermal water loss (TEWL)

photo-stability*

control test



control test



gloss units**

black background

white background

6.1

7.9

Castorlatum
Emollient

1.5

3.1

Petrolatum

*six-week light exposure
reduces the rate of water loss

**all readings were taken with Micro-gloss 20° meter (BYK Gardner); the film thickness of 0.006 inch was achieved using a 0.006 inch Bird Applicator

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