

Starting point formulation – Hoof oil – protection that lasts

This carefully balanced formula helps support healthy hoof growth, maintains moisture, and promotes strong, resilient hoof horn. Ideal for regular hoof care, leaving hooves healthy-looking with a natural shine.

RHEOBYK-7590 PC ensures a good application viscosity, preventing the hoof oil from dripping off immediately.

Formulation

Position	Component	INCI	Supplier	Function	Dosage (%)
A	Avocado Oil	Persea Gratissima (Avocado) Oil	Gustav Heess	Emollient	24.50
	Joboba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	Gustav Heess	Emollient	15.00
	MCT- oil Bio	Caprylic/Capric Triglyceride	Gustav Heess	Emollient	50.00
	Soya Oil, refined	Glycine Soya	Dragonspice	Emollient	7.50
	Vitamin E natural	Tocopherol	Hallstar	Active, antioxidant	1.00
B	RHEOBYK-7590 PC	Trihydroxystearin	BYK	Rheology modifier	1.00
	AEROSIL 200	Silica	Evonik	Thickener	0.50
C	Bay Laurel Essential Oil	Laurus Nobilis Leaf Oil	Dragonspice	Active	0.50
Total					100.00

Instructions (manufacturing procedure)

- Weight in all ingredients of phase A in a beaker and place into a water bath at 60 °C.
- Place an ULTRA TURRAX into the beaker, start stirring at 5,000 rpm and add phase B under stirring.
- Mix for 20 min (60 °C water bath, 5,000 rpm).
- Cool down under stirring with a magnetic stirrer, add phase C below 40 °C.

Characteristic data

- Appearance: greenish, slightly opaque oil.
- Storage stability: 3 months at 40 °C.

RHEOBYK-7590 PC is a rheology additive based on a castor oil derivative and suitable for natural formulations.



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