

Aloe-Infused Hoof Protectant

Shield and strengthen your horse's hooves with our Aloe-Infused Hoof Protectant, providing a protective barrier against wear and tear.

Item	Ingredient	Wt%
A	Water	77.00
	Aloe Vera gel concentrate 20X3	2.00
	Magnesium Aluminum Silicate VEEGUM Ultra1	0.80
	Carbomer (Carbopol® 9342)	0.30
B	Glycerin	2.00
	Butylene Glycol	2.00
	Cetyl Alcohol	0.50
C	Glyceryl Monostearate SE	2.00
	Caprylic/Capric Triglyceride (Neobee® M-54)	2.00
	C12-15 Octanoate (Finester™ EH-255)	2.00
	Castor Oil Polyurethane (Polyderm™ PPI CO6)	1.00
	Phenyl Dimethicone (DC 556 Fluid7)	3.00
	Dimethicone (XIAMETER® PMX-200 Silicone Fluid 350cs 7)	1.00
	Bois Oil	0.50
D	Steareth-2 (Brij® S28)	0.95
	Steareth-21 (Brij® S7218)	0.95
	Panthenol	0.50
E	Vitamin E Acetate	0.10
	Vitamin A Palmitate	0.10
	Triethanolamine (to pH 5.8 ± 0.3)	1.00
	Propylene glycol	1.00
	Fragrance	0.50



Procedure:

Begin heating the water to 80°C. add aloe vera gel concentrate to hot water, then slowly add the the rest of the ingredients of phase A sequentially agitated at maximum available shear. Mix until fully hydrated. Add the remaining water phase ingredients from Part B, mixing until uniform. Maintain the water phase at 80°C. Blend the Part C oil phase ingredients and heat to 80°C. Add the oil phase to the water phase with good agitation; mix until uniform. Cool while mixing; add the Part D and Part E ingredients when the emulsion is < 35oC. Adjust as necessary to pH 5.8±0.3.

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