

Pet Shampoo Concentrate

Phase A	Weight %	For 235 g / 8 oz
Alkyl Sulfonate (cleansing agent)	70 %	165 ml / 1/2 cup 3 Tbsp
Polyglucose (cleansing agent)	22.5 %	53 ml / 3 1/2 Tbsp
Phase B		
Soy Quat (conditioner)	4 %	9.4ml / 2 tsp
PEG-7 Glyceryl Cocoate (emulsifier/emollient)	2 %	4.7 ml / 1 tsp
Fragrance	1.5 %	3.5 ml / 1/2 - 3/4 tsp
Optional		
Provitamin B5 (soothing agent)	0.5 %	1.2 ml / 28 drops
Aloe Vera Gel 10x (humectant)	1 %	2.4 ml / 1/2 tsp

Method

Add phase A into the mixing vessel and stir gently. Add phase B one by one to phase A and stir again gently. Fill into 8oz shampoo bottle. The shampoo concentrate doesn't contain a preservative, if you intend to dilute the concentrate with water then we recommend to preserve it with 1.2 % phenoxyethanol/SA (2.8ml or 1/2 tsp).

Direction to use: shake well. Thoroughly wet animal's coat with water. Massage only small amounts of the shampoo into coat while adding water to get better dispersion. Continue until a generous lather is generated. Rinse well.

Properties

Easy to make, mild but rich cleansing shampoo concentrate. Contains very mild surfactants suitable for the sensitive skin. Contains also a soy-based protein conditioner and an effective emollient (peg-7-glyceryl cocoate) that moisturizes the pet's coat. Optionally, provitamin B5 may be added to soothe irritated skin or aloe vera to moisturize very dry skin.