

Formula Name: Honey and Oatmeal Lotion

Date: 2021 - 11 - 02 Rev: 01

Enter Target Weight Below

Total Weight (g): 100.00

Phase	Ingredient	Percentage	Weight (g)	Notes
Water	Purified Water	59.33%	59.33	Source of all life.
	Honey	4.00%	4.00	
	Xanthan	0.30%	0.30	
	Glycerin	5.00%	5.00	
	Xylitol	3.00%	3.00	Xylitol is highly toxic to dogs. Sub with sorbitol or replace with more glycerin if desired.
		0.00%	0.00	
	Total Water		71.63%	71.63
Oil	Petrolatum	10.00%	10.00	
	Mineral Oil	8.00%	8.00	
	Beeswax	0.50%	0.50	
	Emulsifying Wax NF	3.00%	3.00	
		0.00%	0.00	
	Total Oil		21.50%	21.50
Other	Citric Acid anhydrous	0.48%	0.48	50mM Citrate Buffer @ pH 4.5
	Sodium Citrate	0.74%	0.74	
		0.00%	0.00	
	<i>Colloidal oatmeal</i>	2.00%		43
	Colloidal oatmeal powder	4.65%	4.65	Place percentage of solution above to compute
		0.00%	0.00	
	Total Other		5.87%	5.87
Preservative	Germaben II	1.00%	1.00	
		0.00%	0.00	
	Total Preservative		1.00%	1.00
Total		100.00%	100.00	

Directions:

Mix glycerin and xanthan and add xylitol and some water and heat until dissolved. Add honey, citric acid, sodium citrate and remove from heat and mix until dissolved. Heat oil ingredients while sifting colloidal oatmeal powder into water phase, adding water as needed and mixing. When oil phase is heated, reheat water ingredients then combine oil and water phases and add water to 99% and shear while adding preservative (make sure it is below 60C).