

Ingredient Ratios for Lotion Making Cheat Sheet by emmajane via cheatography.com/515/cs/224/

Water-based Creams

Formulations in this column contain water.

Facial Lotion		
Ratio	Ingredient	
80%	Water	
4%	Humectant	
10%	Liquid Oil	
0	Solid Oil (butter)	
0	Wax	
2%	Thickener	
4%	Emulsifier	

Hand Cream		
Ratio	Ingredient	
70%	Water	
2%	Humectant	
15%	Liquid Oil	
5%	Solid Oil (butter)	
0	Wax	
2%	Thickener	
6%	Emulsifier	

Body Buller	utter	
Ratio	Ingredient	
60%	Water	
3%	Humectant	
12%	Liquid Oil	
15%	Solid Oil (butter)	
0	Wax	
3%	Thickener	
7%	Emulsifier	

Barrier Cream		
Ratio	Ingredient	
60%	Water	
3%	Humectant	
15%	Liquid Oil	
5%	Solid Oil (butter)	
5%	Wax	
3%	Thickener	
7%	Emulsifier	

Anhydrous Products Formulations without water (anhydrous).

Balm Ratio Ingredient Water 0 Humectant Liquid Oil 80% 0 Solid Oil (butter) 20% Wax 0 Thickener 0 Emulsifier

Whipped Butter			
Ratio	Ingredient		
0	Water		
0	Humectant		
20%	Liquid Oil		
80%	Solid Oil (butter)		
0	Wax		
0	Thickener		
0	Emulsifier		

Use a hand beater for a "fluffy" texture.



By **emmajane** cheatography.com/emmajane/

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Solid "Lotion" Bar		
Ratio	Ingredient	
0	Water	
0	Humectant	
40%	Liquid Oil	
35%	Solid Oil (butter)	
25%	Wax	
0	Thickener	
0	Emulsifier	
Use a paper-lined muffin tray as a mold.		

Your Recipe	
Ingredient	Weight
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Pour water into oil. Ensure container mouth is big enough for stick blender.		
Blend with a hand blender or beater for at least 3 minutes.		
Let cool to 40C.		
Add essential oils and preservative.		
Blend additional 3 minutes.		
Pour completed lotion/salve into containers.		
Helpful Hints		
Print out this cheat sheet and circle the type of product you are making.		
To make 200g of a product multiply the % ratio		

Weigh water and humectant in a heat-proof

Weight oil, butter, wax, emulsifier, thickener in

Set both containers into bath of hot water. Heat to 70C. Hold at temp for 20 minutes.

Instructions

a heat-proof container.

Ingredient Notes

Humectants draw in water. e.g. glycerine, honey, lanolin.

You can mix within an ingredient category. e.g. 12% oil = 6% olive oil + 6% rice bran oil.

To change the consistency, alter the ratio of hard & liquid oils. e.g. body butter vs. barrier cream.

Wax = local beeswax.

Emulsifier = Emulsifying Wax NF.

Preservatives are highly recommended.

After adding each ingredient, add a tick mark beside its name and note how much you actually used. 1oz = 28g (ish).

To make 200g of a product, multiply the % ratio by 2 for each ingredient. e.g. 10% x 2 = 20g.

Lotions will be approximately 1.25 larger than the weight in grams. For example: 100g will be about 125 mL.



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