

Liquid Crystal Concentrate Starter Tutorial

The Liquid Crystal System provides a simple way of producing a variety of Personal Care Cleansing Products of consistent quality.

Pearlized cleansing products can be produced by the addition of Q-Pearl, which delivers a luxurious, silky texture with depth.

This base can formulate:

- Shampoo
- Body wash
- Bubble Bath
- Shower Gels



Supplies and Equipment Needed

Large spoons for stirring (do not use a blender)
Rubber gloves
Large stainless steel bowl
Measuring cups/bowls to hold weighted ingredients
Table Salt
Distilled Water (not shown)

[Scale](#)

[4 oz PET Bullet Bottles](#)

[20/410 Black Disc Caps](#)
[Liquid Crystal Concentrate](#)
[Germaben II™ Preservative](#)
[Fragrance Oil of your choice](#)
[Caribbean Pink Gel Colorant](#)

Optional Equipment:

Funnel



IMPORTANT TIPS:

- It's important to ensure that everything is properly clean and sterilized.
- Measure all ingredients by **weight**, using a digital scale.
- Pre-weigh all ingredients in the quantities listed in either ounces or grams. This tutorial will be making a 50 ounce starter batch.

INGREDIENTS:	50oz Batch		100oz Batch	
	Ounces	Grams	Ounces	Grams
Liquid Crystal Concentrate	16	448	32	896
Fragrance or Essential Oil	.23	6.5	.46	13
Distilled Water	32	896	64	1792
Preservative: Germaben II	.43	12	.86	24
Salt	1	28	2	56

Remember, all measurements are listed by weight NOT fluid ounces

Step 1: Add 16 ounces of Liquid Crystal Concentrate to a stainless steel bowl.



Step 2: Add 0.23 ounces of your fragrance oil. Stir slowly with a spoon until fully incorporated.



Step 3: Add 32 ounces of distilled water. Stir slowly with a spoon until fully incorporated. Do NOT use a blender to mix or you'll end up with a bowl full of bubbles.



Step 4: Add 0.43 ounces of Germaben II Preservative. Stir slowly until fully incorporated.





Step 5: Optional: If you wish to add any additives to your products such as [Conditioning Additive](#), Color or [Q-Pearl](#) this is the time to add them. In this tutorial I will be adding 6 drops of Caribbean Pink Gel Colorant. Stir until fully incorporated.



Step 6: Add 1 ounce of table salt to your bowl. Add the salt a little at a time, stirring in between each addition.



Step 7: Stir your mixture for about 2 – 3 minutes using gentle agitation with your mixing spoon. You'll notice your mixture thickening and the color lightening. Some bubbles will form, but don't worry; they will disappear as the mixture thickens.





Step 8: To make a standard Bubble Bath, Add an additional portion of water (32 ounces) and stir to mix. Then add an additional portion of salt (1 ounce) and stir to thicken.



Step 8: Add your bubble bath to your bottles using a funnel. Cap and you're finished! You'll notice that the bubble bath is opaque at first. But as it stands and settles it will slowly become crystal clear!

