

Liquid Crystal Concentrate Starter Formulation

We suggest always starting with a sterilized metal or glass bowl with metal measuring and mixing tools. Make sure counter space is cleaned and wiped with a light solution of bleach in water.

An electronic [scale](#) is required to measure components. Choose the batch size you wish to make from the table below. Set the scale for either ounce or gram measurements. Measure your ingredients in the quantities listed in either ounces or grams.

Remember, all measurements are listed by weight NOT fluid ounces.

Ingredients:	50oz Batch		100oz Batch	
	Oz	Gram	Oz	Gram
Liquid Crystal Concentrate	16	448	32	896
Fragrance or Essential Oil	.23	6.5	.46	13
Distilled Water	32	896	64	1792
Perservative	.43	12	.86	24
Salt	1	28	2	56

Mix these products in the order listed one at a time and stir completely after each product is added. After adding the salt, mix together for 2-3 minutes using gentle agitation with mixing spoon.

Liquid crystal concentrate is highly active as a 5:1 concentrate with typical use levels of around 20 to 30%. It has excellent clarity, low odor and a neutral color. Liquid crystal concentrate has a low viscosity making it ready to pour or pump.

- Neutral pH
- Manufacturing efficiencies are readily achievable with this system.
- Product will produce copious amounts of dense, creamy lather that rinse away easily and completely

By adjusting the quantity of liquid crystal concentrate with the conditioning additive and liquid pearl at various percent stages, several different products can be produced; each having different characteristics and levels of cost effectiveness.

INCI Name: Aqua, Sodium laureth sulfate, Cocamide DEA, Propylene glycol, Sodium chloride, Cocamine oxide, Cocamidopropyl betaine, Glycerine, Citric acid, Polyquaternium-7, Methylchloroisothiazolinone, Methylisothiazolinone, Magnesium chloride, Magnesium nitrate.