“ “IS THERE AN OCEAN IN THE HOUSE?”

Extension work guide

How to make a homemade developer and fixer for homebased phot graphic processing.

*Bench top 4*

*-instant coffee -citric acid powder -washing soda (or baking soda)*

*-teaspoon -measuring, mixing jug -warm water*

*-salt kitchen scales -dark containers for storing*

Procedure, approx. 400mls of caffenol developer

1. Measure out 5 tsps instant coffee
2. Measure out ¾ tsp citric acid powder
3. Measure out 3 and half tsp washing soda (if you only have baking soda bake sufficient baking soda in a 200C degree oven for at least half an hour, until a small amount of the coked powder, mixed with a few drops of water, feels ‘soapy’)
4. Mix all together in 355 mls of warm water (feels warm to touch approx. 35- 40degrees C) till dissolved.
5. It is now ready to use. Fresh is best.
6. It can be stored for a few days in a dark container (e.g. screw top wine bottle) but should be used at temperature about 25 -35 degrees for best results.

Procedure, approx. 500 mls saline fixer

1. Weigh 150gms salt
2. Dissolve in 500mls of warm water (feels warm to touch approx. 35- 40degrees C)
3. It is now ready to use. Fresh is best.
4. It can be stored in a container , e.g. 1.5 L plastic bottle. But should be used at temperature about 25 -35 degrees for best results.

Use as per sequence for normal commercial processing except processing times are longer.

Procedure, photo processing with caffenol developer and saline fixer