

An Extract from The Salt Printing Manual

Formula

SALTING

Sodium Chloride (Sea Salt)	5g
Gelatin	2g
Distilled Water	250ml

- Mix 2g gelatin in 50ml of distilled water and allow to 'bloom' (swell) at room temperature for 10 mins.
- Mix the sodium chloride in the remaining 200ml of distilled water
- Heat the salt solution to 40°C
- Stir in the gelatin solution

SENSITISING

Silver Nitrate	6g
Citric Acid	1g
Distilled Water	50ml

TONING (3 PRINTS MAX CAPACITY AT 250ML)

Sodium Tetraborate (Borax)	3g	1.5g
Gold Chloride (1% solution)	6ml	5ml (for 0.69%)
Distilled Water	500ml	250ml

- Heat the distilled water to 38°C
- Add the sodium tetraborate
- Add the gold chloride and mix thoroughly
- Wait approximately 1hr before use.

FIXER (10 PRINT MAX CAPACITY)

Sodium Thiosulfate	150g
Sodium Carbonate (washing soda)	2.5g
Clean Tap Water	1 litre

- Heat half of the water to 30°C
- Add Sodium Thiosulfate
- Add Sodium Carbonate
- Mix thoroughly and add the remaining distilled water

HYPO CLEARING AGENT (10 PRINT MAX CAPACITY)

Sodium Sulphite	5g
Clean Tap Water	500ml

- Heat water to 30°C
- Add the sodium sulphite

QUICK REFERENCE

Your work area can become quite wet during this process and you don't want to keep your precious notes close by and get ruined! I suggest you print this quick reference page and keep it close to your work area to remind you of the crucial steps in producing your image. I am fortunate to have a laminator, so I protected my reference sheet with a 'wipe dry' surface.

Daylight

- 1 Coat paper with salt/gelatin, hang to dry

Subdued Light

- 2 Coat paper with silver nitrate and dry (dark box) - use same day
- 3 Place paper and neg in contact frame (exposure determined by DMax test - See Digital Negatives)
- 4 Prewash - agitate for 2 mins with 2 changes (until water clear)
- 5 1% Salt bath - agitate for 30 secs
- 6 Intermediate wash - agitate for 5 mins with 5 changes
- 7 Gold Toning - agitate for 5 mins
- 8 Intermediate wash - agitate for 5 mins with 3 changes

Daylight

- 9 Fixer Bath agitate for 8 mins
- 10 Penultimate Wash - agitate for 4 mins
- 11 Hypo Clear - agitate for 4 mins
- 12 Final Wash - agitate for 5 mins - replace water
- 13 Repeat 12 for 20 mins changing water after each 5 mins
- 14 Hang to dry