

PHOTOGRAPHERS' FORMULARY INC.

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Cat. number 02-0118 1 to 2 liters working solution

Cat. number 02-0119 2 to 4 liters working solution

FORMULARY SELECTOL PAPER DEVELOPER

Formulary Selectol paper developer is a long-life developer specially designed for the development of warm-tone papers. It produces the same pleasing image tone and contrast as Kodak® developer D-52, remains clear during use, and has high development capacity and good keeping properties. Since the development activity decreases only very slowly with use, constant image tone is easy to maintain.

CHEMICAL SAFETY

All chemicals are dangerous and must be treated with respect. Please read the chemical warnings listed below, and on each package. Always use rubber gloves and dust mask when using chemicals.

HYDROQUINONE: Is considered hazardous by the EPA. It is considered a skin sensitizer, and may cause eye or skin irritation. Please handle this liquid with gloves and splash goggles. If ingested or splashed in the eyes, contact a physician.

METOL: Some individuals become sensitized (develop allergic symptoms or rashes) when using metol. If this should occur, discontinue use and consult a physician.

The user assumes all risks upon accepting these chemicals. IF FOR ANY REASON YOU DO NOT WISH TO ASSUME ALL RISKS, PLEASE RETURN THE CHEMICALS WITHIN 30 DAYS FOR A FULL REFUND.

Please consult with local sewer and water authorities regarding the proper disposal of darkroom chemicals in your area.

MIXING THE STOCK SOLUTION

You will need a 1 or 2 liter storage container and a 1000 ml or 2000 ml graduated cylinder or beaker for mixing the stock solution. You may find it convenient to use a proper-sized mixing bowl to mix the stock solution.

STOCK SOLUTION

Chemical	1 liter	2 liter
Water (50° C/125° F)	500 ml	1000 ml
Metol	1.5 g	3 g
Sodium Sulfite, Anhydrous	21.2 g	42.4 g
Hydroquinone	6.3 g	12.6 g
Sodium Carbonate, Anhydrous	15 g	30 g
Potassium Bromide	1.5 g	3 g
Cold water to make	1000 ml	2000 ml

FOR BEST RESULTS USE DISTILLED WATER.

Place the warm water in the mixing container and add a pinch of sodium sulfite. (A small amount of sodium sulfite will minimize the initial oxidation of the metol. If more is added at this point, the metol will not dissolve.) Add the metol to the solution and stir until all of the metol is dissolved. It is important that all of the metol be dissolved before the other chemicals are added. Add the sodium sulfite, stirring until the solid dissolves. Add each chemical in the order given in the table above. Be sure each chemical is completely dissolved before adding the next one to the solution. Finally, add cold water to the solution to bring its final volume up to the kit size. Transfer to the storage container.

LIFE AND CAPACITY OF THE SOLUTION

The stock solution has a life of up to three months if kept in a full, tightly-capped bottle. The working solution should be discarded at the end of a day's work.

USING THE DEVELOPER

For normal contrast - prepare the working solution by a 1:1 dilution of the stock solution with water. Develop the print for 2 minutes 68° F (20° C). For slightly warmer image tone, develop 90 seconds. Contrast can be increased slightly with some papers by developing up to 4 minutes. Increased development times will produce colder image tones.

For warmer tones, an additional 3 grams of potassium bromide may be added per liter of working solution.