

# **F PHOTOGRAPHERS' FORMULARY**

## **FORMULARY CHROMIUM INTENSIFIER CATALOG NUMBER 05-0065 TO MAKE 11 LITERS**

The chemicals contained in this kit are used to prepare an intensifier that is equivalent to Kodak IN-4. The amount of intensification is somewhat proportional to the amount of silver originally present in the negative. The intensified image is stable, has greater contrast and can be toned.

The intensifier is used in room light. After using the intensifier the negative must be redeveloped in a fast acting print developer such as undiluted Dektol, Formulary F-130 or Formulary BW-65. After negative has been redeveloped it must be fixed again and washed.

### **FOR YOUR CHEMICAL SAFETY**

All chemicals are dangerous and must be treated with respect. Please read all the warning labels on each package.

Potassium Dichromate: is both toxic and an oxidizer and can cause both eye and skin burns. The dust can cause allergic skin reactions and irritation. All chromium salt compounds are potential carcinogens. You must use all chemicals with care, and use eye goggles, dust mask, apron and rubber gloves when mixing and using Dichromate solutions.

All other chemicals contained in this kit are considered non-hazardous, but we ask you to still use care by using a dust mask and rubber gloves.

The user assumes all risks upon accepting these chemicals. IF FOR ANY REASON YOU DO NOT WANT TO ASSUME ALL RISKS PLEASE RETURN THE KIT WITHIN THIRTY (30) DAYS FOR A FULL REFUND.

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

### **MIXING THE STOCK SOLUTION**

The chemicals in this kit are used to prepare one concentrated stock solution which is diluted to working solution as needed.

<b>TO MAKE STOCK SOLUTION</b>	<b>ADD</b>
Distilled water (100° F)	800 ml
Packet A	
Packet B	
Distilled water (68° F) to make	1000 ml

Empty content of Packet A in 800 ml of water at 100° F. Mix well until all of the chemistry is dissolved. Empty contents of Packet B into above solution. Mix well until all chemistry is dissolved into solution.

Add water to make 1000 ml. Place into 1000 ml bottle and mark bottle Formulary Chromium Intensifier Stock Solution.

Mix only what you need. Take 1 part of stock solution to 10 parts water. Example: 10 ml stock solution mixed with 100 ml water makes working solution.

### **HINTS ON USE**

The following steps can be carried out under artificial light or subdued daylight.

1. Make sure the negative has been well washed first. If using a dry negative soak in water 10 minutes. Treat only one negative at a time.
2. Immerse negative in working solution, which is a bleach bath, for 8 to 10 minutes with agitation at (70° F). Discard solution.
3. Rinse negative in running water or tray with continuous agitation for 5 minutes.
4. Redevelop in a non-staining print developer such as Dektol, Formulary F-130 or Formulary BW-65 for 8 to 10 minutes or until image has blackened completely. Do not use developers containing a high concentration of sulfite such as D-76, Microdol X, or other fine grain developers.
5. After redevelopment wash in running water for 1 minute.
6. Fix for 3-4 minutes.

7. Wash in running water for 10 minutes.

8. Hang to dry.

Note: Greater intensification can be obtained by repeating process if desired.