

### Suggested Generic Hair Coloring Formula

|                                 |                |
|---------------------------------|----------------|
| Lead acetate crystals           | 20. grams      |
| Flowers of sulfur N.F. sublimed | 10. grams      |
| Glycerin U.S.P.                 | 100. grams     |
| Ethyl alcohol*                  | 60. ml.        |
| Distilled or deionized water    | q.s. 1000. ml. |

\*The ethyl alcohol as used commercially is bought under the term Specially Denatured Alcohol #40 but to obtain this may entail considerable delay. It is possible to substitute regular U.S.P. Ethyl Alcohol if tax free is available to your laboratory.

Instructions for mixing: Grind sulfur in glycerin and add alcohol to this mixture. Dissolve lead acetate in 500 ml. of water. Wash glycerin, sulfur alcohol mixture into a suitable container for mixing the entire batch using 200 ml. water. Add lead acetate solution. Finally wash container with additional water to make up to volume of 1000 ml.

If perfume is desired for aesthetic reasons, it is suggested that 2.5 ml. oil of bay will be adequate. If a wetting agent is desired, it is suggested that Atlas Chemical Company's Tween 20 will be good at a level of 2.5 ml. This and the oil of bay may be added to the alcohol before mixing alcohol with glycerin and sulfur.

See attached instructions for use of this product by test subjects.

Instructions for use of test product.

Shampoo hair in usual desired manner. When hair is dry apply product by shaking from a shaker type bottle if available. Use only enough product to evenly dampen hair. This will not exceed 5 ml. per application and may be less for short hair. Distribute through hair by rubbing for a moment and then groom hair with comb and/or brush. Always wash hands immediately after applying. Apply daily for two weeks and then twice weekly thereafter. During the first two weeks do not shampoo more than once each week. Thereafter shampoo as often as required. Always reapply after shampooing when hair is dry.

Warning: Do not use if skin is abraded or irritated.