

## Orange II

To 2 g. sulfanilic acid dissolved in 5 ml. of 2 N caustic soda solution is added a solution of 0.8 g sodium nitrite in 10 ml of water. This solution is cooled below 5° , poured into 10 ml. of 4 N hydrochloric acid (cooled below 5° ), and stirred for 2~3 minutes, until the diazonium salt separates and diazotisation is complete (test with starch-iodide paper). The diazonium solution is then added, with stirring, to a solution of 1.7 g  $\beta$ -naphthol in 20 ml of 2 N caustic soda solution, the temperature not being allowed to rise above 10° . After stirring for about 10 minutes the dyestuff separates out, 10ml of saturated salt solution being added to complete the precipitation. The orange powder is filtered, washed with a little cold water and dried. Yield: 3 g. The dyestuff can be recrystallised from alcohol.

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