CLAIMS

1. A pharmaceutical formulation comprising sebacoyl dinalbuphine ester (SDE) dissolved in sesame oil and benzyl benzoate,

wherein the concentration of the SDE in the formulation is about 75 mg/mL,

wherein the weight ratio of benzyl benzoate to sesame oil is about 1.12:1, and

wherein the pharmaceutical formulation is a solution suitable for administration by injection prepared by:

(i) dissolving SDE in benzyl benzoate and

(ii) mixing the solution resulting from step (i) with sesame oil to give a solution.

2. The pharmaceutical formulation of claim 1, wherein the weight ratio of benzyl benzoate to sesame oil is 1.12:1.

3. The pharmaceutical formulation of claim 1, wherein the concentration of SDE in the formulation is 75 mg/mL, and the weight ratio of benzyl benzoate to sesame oil is 1.12:1.

4. The pharmaceutical formulation of claim 1, wherein the formulation is suitable for administration by intramuscular or subcutaneous injection.