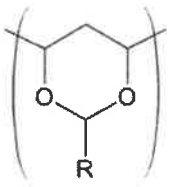
CLAIMS

1. A dispersion assistant for suspension polymerization comprising a polyvinyl alcohol-based polymer (A) comprising a constituent unit represented by the general formula (1) shown below at 0.1 to 10 mol% per polyvinyl alcohol monomer unit and having a saponification degree of 15 to 70 mol%.



(1)

(In the formula, R denotes an alkyl group.)

2. The dispersion assistant for suspension polymerization of claim 1, wherein R in the constituent unit represented by the general formula (1) is an alkyl group having 3 to 11 carbon atoms.

3. The dispersion assistant for suspension polymerization of claim 1 or 2, wherein the average polymerization degree of the polyvinyl alcohol-based polymer (A) is 120 to 800.

4. An aqueous liquid comprising the dispersion assistant for suspension polymerization of any one of claims 1 to 3.

5. The aqueous liquid of claim 4, wherein the polyvinyl alcohol-based polymer (A) has a saponification degree of 50 to 70 mol%, an average polymerization degree of 120 to 400, and a block character of 0.5 or higher.

6. The aqueous liquid of claim 4 or 5, comprising the polyvinyl alcohol-based polymer (A) in an amount of 30 to 50% by mass.

7. A production method of a vinyl-based resin, comprising subjecting a vinyl-based monomer to suspension polymerization in the presence of the dispersion assistant for suspension polymerization of any one of claims 1 to 3.

8. The production method of claim 7, wherein a water-soluble polymer is further present in the suspension polymerization.

9. The production method of claim 8, wherein the water-soluble polymer is a polyvinyl alcohol-based polymer having a saponification degree of 65 to 90 mol%.

10. The production method of any one of claims 7 to 9, wherein the vinyl-based monomer comprises vinyl chloride.

11. A composition for suspension polymerization comprising a water-soluble polymer and the polyvinyl alcohol-based polymer (A) of any one of claims 1 to 3.

12. The composition of claim 11, wherein the water-soluble polymer comprises a polyvinyl alcohol-based polymer having a saponification degree of 65 to 90 mol% and the mass ratio between the water-soluble polymer and the polyvinyl alcohol-based polymer (A) is 90/10 to 30/70.