[CLAIMS]

【Claim 1】

A sulfate-free composition for washing hair or cleansing scalp, comprising: an anionic surfactant; a cationic polymer; and an amphoteric surfactant,

wherein the anionic surfactant comprises an isethionate-based anionic surfactant,

wherein the cationic polymer is Polyquaternium-22, and

wherein the content of the amphoteric surfactant is 5-10 wt% based on the total weight of the composition.

【Claim 2】

The sulfate-free composition for washing hair or cleansing scalp according to claim 1, wherein the content of the isethionate-based anionic surfactant is 0.6-5.9 wt% based on the total weight of the composition.

【Claim 3】

The sulfate-free composition for washing hair or cleansing scalp according to claim 1, wherein the content of the cationic polymer is 0.06-0.54 wt% based on the total weight of the composition.

【Claim 4】

The sulfate-free composition for washing hair or cleansing scalp according to claim 2, wherein the ratio of the content of the isethionate-based anionic surfactant to the content of the cationic polymer is 1 : 0.02-0.18 on the weight basis.

【Claim 5】

The sulfate-free composition for washing hair or cleansing scalp according to claim 1, wherein the isethionate-based anionic surfactant is sodium cocoyl isethionate, sodium lauroyl isethionate or a mixture thereof.

【Claim 6】

The sulfate-free composition for washing hair or cleansing scalp according to claim 1, wherein the ratio of the content of the isethionate-based anionic surfactant to the content of the amphoteric surfactant is 1 : 1.6-3.3 on the weight basis.

【Claim 7】

The sulfate-free composition for washing hair or cleansing scalp according to claim 1, wherein the amphoteric surfactant is at least one amphoteric surfactant selected from the group consisting of a sultaine-based amphoteric surfactant, a betaine-based amphoteric surfactant and an amphoacetate-based amphoteric surfactant.

【Claim 8】

The sulfate-free composition for washing hair or cleansing scalp according to claim 1, wherein the amphoteric surfactant is lauryl hydroxysultaine.

【Claim 9】

The sulfate-free composition for washing hair or cleansing scalp according to claim 1, wherein the anionic surfactant further comprises at least one anionic surfactant selected from the group consisting of an amino acid-based anionic surfactant, a carboxylate-based anionic surfactant, a sulfosuccinate-based anionic surfactant and an alpha-olefin sulfonate-based anionic surfactant.

【Claim 10】

The sulfate-free composition for washing hair or cleansing scalp according to claim 9, wherein the amino acid-based anionic surfactant is potassium cocoyl glycinate, sodium methyl cocoyl taurate, sodium cocoyl alaninate or a mixture thereof.

【Claim 11】

The sulfate-free composition for washing hair or cleansing scalp according to claim 9, wherein the carboxylate-based anionic surfactant is sodium lauryl glycol carboxylate.

【Claim 12】

The sulfate-free composition for washing hair or cleansing scalp according to claim 9, wherein the sulfosuccinate-based anionic surfactant is disodium laureth sulfosuccinate, disodium lauryl sulfosuccinate or a mixture thereof.

【Claim 13】

The sulfate-free composition for washing hair or cleansing scalp according to claim 9, wherein the anionic surfactant includes an amino acid-based anionic surfactant, a carboxylate-based anionic surfactant and a sulfosuccinate-based anionic surfactant.

【Claim 14】

The sulfate-free composition for washing hair or cleansing scalp according to claim 13, which further comprises an amphoteric surfactant, and the ratio of the content of the amphoteric surfactant to the content of the anionic surfactant is 1 : 2.1-4.4 on the weight basis.