CLAIMS

~~[Claim 1]~~

1. An oxidation-type hair dye composition comprising: a first agent containing an oxidative dye precursor, a coupler, and an alkaline agent; and a second agent containing an oxidant,

wherein the first agent contains ammonia, as an alkaline agent; and at least one selected from the group consisting of ammonium carbonate and ammonium bicarbonate, and tromethamine, as a pH buffer~~.~~,

~~[Claim 2]~~

wherein the combination ratio of the ammonia and tromethamine is 2:1 to 6:1 in terms of the weight ratio, and

wherein the combination ratio of the at least one selected from the group consisting of ammonium carbonate and ammonium bicarbonate, and tromethamine is 1:1 to 3:1 in terms of the weight ratio.

2. The composition of claim 1, wherein the first agent further comprises monoethanolamine.

~~[Claim 3]~~

3. The composition of claim 1, wherein the ammonia is contained in an amount of 0.02 to 10% by weight based on the total amount of the first agent~~ composition~~.

~~[Claim 4]~~

4. The composition of claim 1, wherein the tromethamine is contained in an amount of 0.01 to 20% by weight based on the total weight of the first agent~~ composition~~.

~~[Claim 5]~~

5. The composition of claim 2, wherein the monoethanolamine is contained in an amount of 0.05 to 15% by weight based on the total weight of the first agent~~ composition~~.

~~[Claim 6]~~

6. The composition of claim 1, wherein the combination ratio of the ammonia and tromethamine is ~~2:1~~9:4 to ~~6:1~~5:2 in terms of the weight ratio.

~~[Claim 7]~~

7. The composition of claim ~~1~~2, wherein the combination ratio of the ammonia and monoethanolamine is 3:1 to 10:1 in terms of the weight ratio.

~~[Claim 8]~~

8. The composition of claim 1, wherein the at least one selected from the group consisting of ammonium carbonate and ammonium bicarbonate is contained in an amount of 0.01 to 20% by weight based on the total weight of the first agent~~ composition~~.

~~[Claim 9]~~

9. The composition of claim 1, wherein the at least one selected from the group consisting of ammonium carbonate and ammonium bicarbonate is contained in an amount so that the pH of the hair dye composition is adjusted to the range of 7.0 to 10.0.

~~[Claim 10]~~

10. The composition of claim 1, wherein the combination ratio of the at least one selected from the group consisting of ammonium carbonate and ammonium bicarbonate, and tromethamine is 1:1 to 3:~~1~~2 in terms of the weight ratio.

~~[Claim 11]~~

11. The composition of claim 1, wherein the hair dye composition reduces the scalp irritation and hair damage.

~~[Claim 12]~~

12. The composition of claim 1, wherein the hair dye composition improves dyeing durability.

~~[Claim 13]~~

13. The composition of claim 1, wherein the hair dye composition improves levelness.