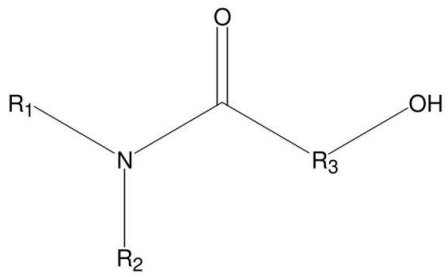
CLAIMS

1. A water gelling agent comprising 4-hydroxy-N-lauryl, butyramide and/or 4-hydroxy-N-myristyl, butyramide.

2. A glycerin thickening or gelling agent comprising 4-hydroxy-N-cyclohexyl, butyramide, 4-hydroxy-N-octyl, butyramide and/or 4-hydroxy-N-lauryl, butyramide.

3. A humectant comprising a compound represented by formula (I):

[Formula 1]



(I)

wherein

R_1 is cyclohexyl, ethylhexyl, or linear or branched C8-C22 hydrocarbon group,

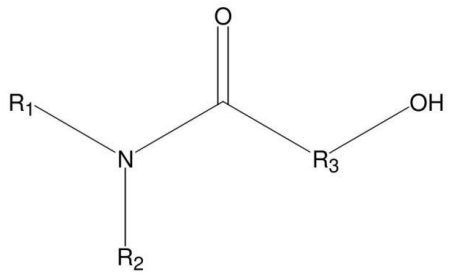
R_2 is H,

R_3 is linear or branched C2-C8 hydrocarbon group,

as a humectant ingredient.

4. A hair dye improving agent comprising a compound represented by formula (I):

[Formula 2]



(I)

wherein

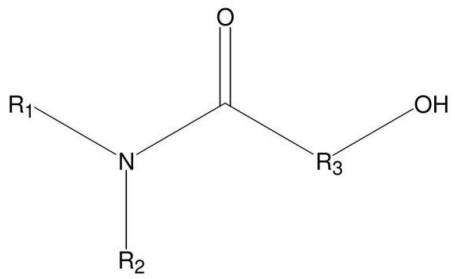
R_1 is a C6-C22 hydrocarbon group which is optionally substituted by hydroxyl group, carboxyl group and/or aldehyde group, wherein the hydrocarbon group is a saturated or unsaturated linear or branched hydrocarbon group, or saturated cyclic, or a combination of a saturated or unsaturated, linear or branched hydrocarbon group with a saturated cyclic hydrocarbon group,

R_2 is H, or a C6-C22 hydrocarbon group which is optionally substituted by hydroxyl group, carboxyl group and/or aldehyde group, wherein the hydrocarbon group is a saturated or unsaturated linear or branched hydrocarbon group, or saturated cyclic, or a combination of a saturated or unsaturated, linear or branched hydrocarbon group with a saturated cyclic hydrocarbon group,

R_3 is a linear or branched C2-C21 hydrocarbon group which is optionally substituted by hydroxyl group, carboxyl group and/or aldehyde group.

5. A hair dyeing cosmetic product comprising a compound represented by formula (I):

[Formula 2]



(I)

wherein

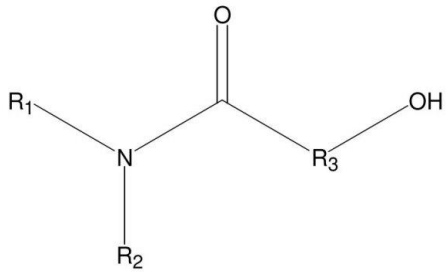
R_1 is a C6-C22 hydrocarbon group which is optionally substituted by hydroxyl group, carboxyl group and/or aldehyde group, wherein the hydrocarbon group is a saturated or unsaturated linear or branched hydrocarbon group, or saturated cyclic, or a combination of a saturated or unsaturated, linear or branched hydrocarbon group with a saturated cyclic hydrocarbon group,

R_2 is H, or a C6-C22 hydrocarbon group which is optionally substituted by hydroxyl group, carboxyl group and/or aldehyde group, wherein the hydrocarbon group is a saturated or unsaturated linear or branched hydrocarbon group, or saturated cyclic, or a combination of a saturated or unsaturated, linear or branched hydrocarbon group with a saturated cyclic hydrocarbon group,

R_3 is a linear or branched C2-C21 hydrocarbon group which is optionally substituted by hydroxyl group, carboxyl group and/or aldehyde group.

6. A hair dye improving agent or a hair dyeing cosmetic product, comprising a compound represented by formula (I):

[Formula 1]



(I)

wherein

R_1 is cyclohexyl, ethylhexyl, or a linear or branched C8-C22 hydrocarbon group,

R_2 is H,

R_3 is a linear or branched C2-C8 hydrocarbon group.

7. A water thickening method comprising a step of mixing water with 4-hydroxy-N-lauryl, butyramide and/or 4-hydroxy-N-myristyl, butyramide.

8. A glycerin thickening or gelling method comprising a step of mixing glycerin with 4-hydroxy-N-cyclohexyl, butyramide, 4-hydroxy-N-octyl, butyramide and/or 4-hydroxy-N-lauryl, butyramide.