CLAIMS

1. A petrolatum composition comprising

from 10 to 60wt% of a wax having an average number of carbon atoms per molecule of between 25 and 70, and having between 5 and 50wt% branched paraffins in which the branches are selected from methyl and ethyl branches;

from 10 to 60wt% of a linear paraffin having an average number of carbon atoms per molecule of between 10 and 20; and

optionally, a low melt wax;

with the petrolatum composition having a drop melt point of from 35°C to 80°C.

2. The petrolatum composition according to Claim 1, wherein the wax is a synthetic wax.

3. The petrolatum composition according to Claim 1 or Claim 2, wherein the wax makes up from 20 to 40wt% of the petrolatum composition.

4. The petrolatum composition according to Claim 1, wherein the wax is selected from the group consisting of a hydroisomerized wax, a hydroisomerized Fischer-Tropsch wax, an alpha-olefin wax and a Fischer-Tropsch wax.

5. The petrolatum composition according to any one of Claims 1 to 4 inclusive, wherein the linear paraffin is a Fischer-Tropsch derived paraffin.

6. The petrolatum composition according to any one of Claims 1 to 5 inclusive, wherein the linear paraffin makes up from 20 to 40wt% of the petrolatum composition.

7. The petrolatum composition according to any one of Claims 1 to 6 inclusive, which includes the low melt wax and wherein the low melt wax has an average number of carbon atoms per molecule of between 20 and 30.

8. The petrolatum composition according to Claim 7 wherein the low melt wax is a Fischer-Tropsch wax.

9. The petrolatum composition according to any one of Claims 1 to 8 inclusive, which has a drop melt point of from 35-70°C.

10. The petrolatum composition according to any one of Claims 1 to 9 inclusive, which has a cone penetration (as measured by ASTM D937-07, employing the cone defined in ASTM D217-10) of between 60 and 300mm/10.

11. The petrolatum composition according to Claim 1, wherein each of the wax component and the linear paraffin component are synthetic.

12. The petrolatum composition according to Claim 11, wherein the low melt wax is present, and is a synthetic wax.

13. Use of the petrolatum composition according to any one of Claims 1 to 12 inclusive in a cosmetic application or a cable filling application.

14. Use of the petrolatum composition according to any one of Claims 1 to 12 inclusive in the manufacture of a cosmetic product, a pharmaceutical product, a cable-filling product, or a filled cable product.

15. A method of making a cosmetic product, a pharmaceutical product, a cable-filling product or a filled cable product which includes adding the petrolatum composition according to any one of Claims 1 to 12 inclusive, to a cosmetic composition or substance, to a pharmaceutical composition or substance, to a cable-filling composition or substance, or to a cable or cable component, thereby to obtain the cosmetic product, the pharmaceutical product, the cable-filling product or the filled cable product.

16. A process for preparing the petrolatum composition of Claim 1, the process comprising:

mixing a wax having an average number of carbon atoms per molecule of between 25 and 70, and having between 5 and 50wt% branched paraffins in which the branches are selected from methyl and ethyl branches, with a linear paraffin having an average number of carbon atoms per molecule of between 10 and 20, and optionally, a low melt wax, thereby to obtain the petrolatum composition,

with sufficient of the wax and the linear paraffin being used such that the petrolatum composition has from 10 to 60wt% of the wax and from 10 to 60wt% of the linear paraffin, and

with the petrolatum composition having a drop melt point of from 35°C to 80°C.

17. A cosmetic composition comprising between 10 and 40wt% of the petrolatum composition of Claim 1.

CLAIMS

1. A petrolatum composition comprising

from 10 to 60wt% of a wax having an average number of carbon atoms per molecule of between 25 and 70, and having between 5 and 50wt% branched paraffins in which the branches are selected from methyl and ethyl branches;

from 10 to 60wt% of a linear paraffin having an average number of carbon atoms per molecule of between 10 and 20; and

optionally, a low melt wax;

with the petrolatum composition having a drop melt point of from 35°C to 80°C.

2. The petrolatum composition according to Claim 1, wherein the wax is a synthetic wax.

3. The petrolatum composition according to Claim 1 or Claim 2, wherein the wax makes up from 20 to 40wt% of the petrolatum composition.

4. The petrolatum composition according to Claim 1, wherein the wax is selected from the group consisting of a hydroisomerized wax, a hydroisomerized Fischer-Tropsch wax, an alpha-olefin wax and a Fischer-Tropsch wax.

5. The petrolatum composition according to any one of Claims 1 to 4 inclusive, wherein the linear paraffin is a Fischer-Tropsch derived paraffin.

6. The petrolatum composition according to any one of Claims 1 to 5 inclusive, wherein the linear paraffin makes up from 20 to 40wt% of the petrolatum composition.

7. The petrolatum composition according to any one of Claims 1 to 6 inclusive, which includes the low melt wax and wherein the low melt wax has an average number of carbon atoms per molecule of between 20 and 30.

8. The petrolatum composition according to Claim 7 wherein the low melt wax is a Fischer-Tropsch wax.

9. The petrolatum composition according to any one of Claims 1 to 8 inclusive, which has a drop melt point of from 35-70°C.

10. The petrolatum composition according to any one of Claims 1 to 9 inclusive, which has a cone penetration (as measured by ASTM D937-07, employing the cone defined in ASTM D217-10) of between 60 and 300mm/10.

11. The petrolatum composition according to Claim 1, wherein each of the wax component and the linear paraffin component are synthetic.

12. The petrolatum composition according to Claim 11, wherein the low melt wax is present, and is a synthetic wax.

13. Use of the petrolatum composition according to any one of Claims 1 to 12 inclusive in a cosmetic application~~, a pharmaceutical application~~ or a cable filling application.

14. Use of the petrolatum composition according to any one of Claims 1 to 12 inclusive in the manufacture of a cosmetic product, a pharmaceutical product, a cable-filling product, or a filled cable product.

15. A method of making a cosmetic product, a pharmaceutical product, a cable-filling product or a filled cable product which includes adding the petrolatum composition according to any one of Claims 1 to 12 inclusive, to a cosmetic composition or substance, to a pharmaceutical composition or substance, to a cable-filling composition or substance, or to a cable or cable component, thereby to obtain the cosmetic product, the pharmaceutical product, the cable-filling product or the filled cable product.

16. A process for preparing the petrolatum composition of Claim 1, the process comprising:

mixing a wax having an average number of carbon atoms per molecule of between 25 and 70, and having between 5 and 50wt% branched paraffins in which the branches are selected from methyl and ethyl branches, with a linear paraffin having an average number of carbon atoms per molecule of between 10 and 20, and optionally, a low melt wax, thereby to obtain the petrolatum composition,

with sufficient of the wax and the linear paraffin being used such that the petrolatum composition has from 10 to 60wt% of the wax and from 10 to 60wt% of the linear paraffin, and

with the petrolatum composition having a drop melt point of from 35°C to 80°C.

17. A cosmetic composition comprising between 10 and 40wt% of the petrolatum composition of Claim 1.