

What is claimed is:

1. A storage stable topical composition comprising:
 - a. 1% to 20% by weight azelaic acid; and
 - b. 1% to 20% by weight of a urea agent
dissolved in a non-aqueous skin-compatible solvent comprising polyol, C₍₃₋₆₎ alkanediol, glycol ether, dimethyl ether, or a combination thereof.
2. The composition of claim 1, wherein the composition is substantially free of water.
3. The composition of claim 1, wherein the composition comprises less than 1% by weight of water.
4. The composition of claim 1, wherein the composition is anhydrous.
5. The composition of any one of claims 1-5, wherein the composition is substantially free of volatile alcohols.
6. The composition of any one of claims 1-5, wherein the composition is substantially free of monohydric alcohols.
7. The method of claim 6, wherein the monohydric alcohol is selected from one or more of: ethyl alcohol, methyl alcohol, isopropyl alcohol, butyl alcohol, amyl alcohol, and cetyl alcohol.
8. The composition of any one of claims 1-7, wherein the urea agent is urea.
9. The composition of any one of claims 1-8, wherein the urea agent is hydroxyethyl urea.
10. The composition of any one of claims 1-9, wherein the urea agent comprises a mixture of urea and hydroxyethyl urea.
11. The composition of any one of claims 1-10, wherein the solvent is 1,3 propanediol.
12. The composition of any one of claims 1-11, wherein the solvent is a mixture of 1,3-propanediol and 1,2-hexanediol.

13. The composition of any one of claims 1-12, wherein the composition is storage stable (e.g., demonstrates less than 10 mol % degradation of the urea agent and azelaic acid) for 6 weeks at $40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ in a sealed container.
14. The composition any one of claims 1-13, wherein the composition is storage stable (e.g., demonstrates less than 10 mol % degradation of the urea agent and azelaic acid) for 6 months at $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ in a multi-use container.
15. The composition any one of claims 1-14, wherein the composition is storage stable (e.g., demonstrates less than 10 mol % degradation of the urea agent and azelaic acid) for 12 months at $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ in a multi-use container.
16. The composition of any one of claims 1-15, wherein the composition comprises 30% to 95% by weight of the non-aqueous solvent.
17. The composition of any one of claims 1-16, wherein the non-aqueous solvent is selected from 1,3 propanediol, 1,2 propanediol, 1,3 butanediol, 1,5 pentanediol, 1,2 hexanediol, 1,6 hexanediol, glycerol, diglycerol, ethoxydiglycol, dimethyl isosorbide and a combination thereof.
18. The composition of claim 17, wherein the solvent is 1,3 propanediol.
19. The composition of any one of claims 1-18, wherein the composition exhibits an azelaic acid degradation rate that is less than the azelaic acid degradation rate in the absence of the urea agent.
20. The composition of any one of claims 1-19, wherein the composition comprises 5% to 20% by weight of azelaic acid.
21. The composition of any one of claims 1-20, wherein the composition comprises 10% to 20% by weight of azelaic acid.
22. The composition of any one of claims 1-21, wherein the composition comprises 10% to 15% by weight (e.g., 10% to 12% by weight) of the azelaic acid.

23. The composition of claim 20, wherein the composition comprises 5% to 12% by weight of the azelaic acid.
24. The composition of claim 20, wherein the composition comprises 5% to 10% by weight of the azelaic acid.
25. The composition of any one of claims 1-19, wherein the composition comprises about 5% by weight of azelaic acid.
26. The composition of any one of claims 1-20, wherein the composition comprises about 10% by weight of azelaic acid.
27. The composition of any one of claims 1-26, wherein the composition comprises 1% to 10% by weight of the urea agent.
28. The composition of any one of claims 1-27, wherein the composition comprises 3% to 10% by weight of the urea agent.
29. The composition of any one of claims 1-28, wherein the composition comprises 5% to 10% by weight of the urea agent.
30. The composition of any one of claims 1-29, wherein the percent by weight ratio of the azelaic acid to urea agent is 2.0 to 2.5.
31. The composition of any one of claims 1-30, further comprising 10% or less by weight in total of one or more optional additional components.
32. The composition of claim 31, wherein the one or more optional additional components are selected from tocopherols, tocotrienols (e.g., alpha, beta, delta and gamma tocopherols or alpha, beta, delta and gamma tocotrienols), ferulic acid, ascorbic acid, azelaic acid, hydroxy acids (e.g., salicylic acid), panthenol, pinus pinaster bark extract, hyaluronic acid complex, cholesterol ester, cholesterol, ceramide, linoleic acid, linolenic acid, madecassoside, acetyl zingerone, bakuchiol, bis-ethylhexyl hydroxydimethoxy benzylmalonate, zinc oxide, and titanium dioxide.

33. The composition of claim 32, wherein the one or more additional components comprise one or more antioxidants selected from *Vitis Vinifera* (Grape) Seed Extract, *Camellia Sinensis* Leaf Extract, *Quercus Robur* Wood Extract, and *Pinus Pinaster* Bark Extract.
34. The composition of claim 33, wherein the one or more additional components comprise *Vitis Vinifera* (Grape) Seed Extract, *Camellia Sinensis* Leaf Extract, *Quercus Robur* Wood Extract, and *Pinus Pinaster* Bark Extract.
35. The composition of any one of claims 31-34, wherein the one or more additional components comprise ascorbic acid.
36. The composition of claim 35, wherein the composition comprises 10% or less by weight of ascorbic acid.
37. The composition of claim 36, wherein the composition comprises 5% to 10% by weight of ascorbic acid.
38. The composition of any one of claims 31-37, wherein the optional additional component composition further comprises ferulic acid.
39. The composition of claim 38, wherein the composition comprises 2% or less by weight of ferulic acid.
40. The composition of any one of claims 31-39, wherein the one or more optional additional components comprises vitamin E.
41. The composition of claim 40, wherein which the vitamin E is selected from alpha, beta, delta and gamma tocopherols and alpha, beta, delta and gamma tocotrienols, and combinations thereof.
42. The composition of claim 40, where the composition comprises 2% or less by weight of vitamin E.
43. The composition of any one of claims 31-42, wherein the one or more optional additional components comprises bis-ethylhexyl hydroxydimethoxy benzylmalonate.

44. The composition of claim 43, where in which the composition comprises 2% or less by weight of bis-ethylhexyl hydroxydimethoxy benzylmalonate.
45. The composition of any one of claims 31-44, wherein the one or more optional additional components is retinol.
46. The composition of claim 45, wherein the composition comprises 1% or less by weight of retinol.
47. The composition of any one of claims 31-46, wherein which the one or more optional additional components comprises bakuchiol.
48. The composition of claim 47, wherein the composition comprises 1% or less of bakuchiol.
49. The composition of any one of claims 31-48, wherein the one or more optional additional components comprise C10-C30 cholesterol/lanosterol esters.
50. The composition of claim 49, wherein the composition comprises 5% or less of C10-C30 cholesterol/lanosterol esters.
51. The composition of any one of claims 31-50, wherein the one or more optional additional components comprise madecassoside.
52. The composition of claim 51, wherein the composition comprises 1% or less by weight of madecassoside.
53. The composition of any one of claims 31-52, wherein the one or more optional additional components comprise glycyrrhetic acid.
54. The composition of claim 53, wherein the composition comprises 1% or less of glycyrrhetic acid.
55. The composition of any one of claims 31-54, wherein the one or more optional additional components comprise pinus pinaster bark extract.

56. The composition of claim 55, wherein the composition comprises 2% or less by weight of pinus pinaster bark extract.
57. The composition of any one of claims 31-56, wherein the one or more optional additional components comprise a ceramide.
58. The composition of claim 57, wherein the ceramide is selected from ceramide EOP, ceramide AP, ceramide NG, ceramide NP, ceramide NS, ceramide EOS, ceramide S, ceramide AS, and combinations thereof.
59. The composition of claim 57 or 58, wherein the composition comprises 2% or less by weight of ceramide.
60. The composition of any one of claims 31-59, wherein the one or more optional additional components comprise cholesterol.
61. The composition of claim 60, wherein the composition comprises less than 2% by weight of cholesterol.
62. The composition of any one of claims 31-61, wherein the one or more optional additional components comprise a free fatty acid.
63. The composition of claim 62, wherein the free fatty acid is selected from linoleic acid, linolenic acid, stearic acid, palmitic acid, oleic acid, alpha-linoleic, oleic acid, and combinations thereof.
64. The composition of claim 62 or 63, wherein the composition comprises less than 1% free fatty acid.
65. The composition of any one of claims 30 to 64, wherein the composition comprises:
- a. 10% to 15% by weight azelaic acid; and
 - b. 5% to 10% by weight of a urea agent
dissolved in a solvent comprising one or more C₍₃₋₆₎ alkanediols.
66. The composition of claim 65, wherein the composition comprises 12% by weight azelaic acid.

67. The composition of claim 65, wherein the composition comprises 10% by weight azelaic acid.
68. The composition of any one of claims 65 to 67, wherein the composition comprises 5% by weight of urea.
69. The composition of any one of claims 65 to 68, wherein the solvent is composed of 1,3-propanediol.
70. The composition of any one of claims 65 to 68, wherein the solvent is composed of a mixture of 1,3-propanediol and 1,2-hexanediol (e.g., in a ratio of at least 10:1, such as at least 15:1 or at least 20:1).
71. The composition of claim 65, wherein the composition is of Table 1 or 2.
72. The composition of any one of claims 1-71, wherein the composition is comprised in an emulsion that further comprises an external phase comprising 10% or more by weight of a silicone agent.
73. A ready-to-use topical preparation in a multi-use container which is pre-filled with a storage stable topical composition according to any of the claims 1-72, wherein the multi-use container comprises means for dispensing a single dose of the storage stable topical composition.
74. The preparation of claim 73, wherein the storage stable topical composition demonstrates less than 10 mol % degradation of the urea after storage for 6 weeks at $40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ in the container.
75. The preparation of claim 73, wherein the storage stable topical composition demonstrates less than 10 mol % degradation of the azelaic acid after storage for 6 months at $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ in the container.
76. The preparation of any one of claims 73-75, wherein the storage stable topical composition is sealed in the container.

77. The preparation of any one of claims 73-76, wherein the container is placed in packaging.
78. A process for producing a storage stable topical composition, the process comprising:
- a. combining:
 - 1% to 20% by weight of azelaic acid;
 - 1% to 20% by weight of urea agent selected from urea, hydroxyethyl urea, and combination thereof; and
 - 30% to 95% by weight of a non-aqueous skin-compatible solvent selected from polyol, C₍₂₋₆₎ alkanediol, glycol ether, dimethyl ether, and a combination thereof; and optionally one or more additional agents;
 - thereby dissolving the urea agent and the azelaic acid in the non-aqueous solvent to produce a homogenous solution that is storage stable.
79. The process of claim 78, further comprising suspending in the homogenous solution an emulsifying solution comprising 10% or more by weight of a silicone compound to produce a storage stable emulsion composition.
80. The process of claim 79, wherein the silicone compound is selected from cyclic, linear and branched silicones, a silicone crosspolymer, and a combination thereof.
81. The process of claim 78, wherein the one or more additional agents comprise ascorbic acid.
82. The process of claim 78, wherein the homogenous solution comprises 20% or less by weight of ascorbic acid.
83. The process of claim 82, wherein the homogenous solution comprises about 5% to about 10% by weight of ascorbic acid.
84. The process of any one of claims 78-83, wherein the one or more additional agents comprise ferulic acid.

85. The process of claim 84, wherein the homogenous solution comprises 2% or less by weight of ferulic acid.
86. The process of claim 78, wherein the one or more additional agents comprise:
0.5% to 2% by weight ferulic acid; and
0.5% to 2% by weight pinus pinaster bark extract.
87. The process of claim 79, wherein the emulsion composition further comprises a lipid component.
88. The process of claim 87, wherein the lipid component is selected from cholesterol, ceramides, free fatty acids, and combinations thereof.
89. The process of claim 79, wherein the emulsion composition prevents or reduces precipitation of urea out of the emulsion composition.
90. The process of claim 79, wherein droplets of the homogenous solution is contained within the external phase of the emulsifying solution.
91. A product produced by the process according to any one of claims 78-90.