

WHAT IS CLAIMED IS:

1. A detergent comprising the reaction product of:
 - (a) a mixture of about 25% to 80% by weight of anacardic acid, cardol, and cardanol;
 - (b) a metal oxide or hydrated equivalent, selected from Magnesium Oxide, Calcium Oxide, or mixtures thereof or metal hydroxide, selected from Magnesium Hydroxide, Calcium Hydroxide, or mixtures thereof;
 - (c) carbon dioxide.
2. The detergent of claim 1, wherein the metal oxide comprises or consists of Magnesium Oxide.
3. The detergent of claim 1, wherein the metal oxide comprises or consists of Calcium Oxide.
4. The detergent of claim 1, wherein the metal hydroxide comprises or consists of Magnesium Hydroxide.
5. The detergent of claim 1, wherein the metal hydroxide comprises or consist of Calcium Hydroxide.
6. The detergent of any of claims 1 to 5, wherein the mixture contains no more than 80% by weight anacardic acid.
7. The detergent of any of claims 1 to 6, wherein the mixture contains at least about 70% by weight anacardic acid.
8. The lubricant composition of any of claims 1 to 7, wherein the anacardic acid is substituted with a C12-C16 unsaturated hydrocarbyl group.

9. The lubricant composition of claim 8, wherein the anacardic acid is substituted with a C12C15 hydrocarbonyl group.
10. A lubricant composition comprising (i) an oil of lubricating viscosity and (ii) a detergent of claims 1 to 9.
11. The lubricant composition of claim 10, further comprising a neutral or overbased metal salt of alkylsalicylic acid substituted at the 3 or 5 position with a hydrocarbonyl group.
12. A process for preparing an alkaline earth metal salt of a salicylic acid substituted at the 3 position with a hydrocarbonyl group comprising:
reacting, at a temperature of 70°C or less, a mixture containing raw cashew nut shell liquid and an alkaline earth metal oxide or alkaline earth metal hydroxide.
13. The process of claim 12, wherein the mixture further contains carbon dioxide.
14. The process of claim 12 or 13, wherein the raw cashew nut liquid comprises about 50% to 80% by weight anacardic acid.
15. The process of any of claims 12 to 14, wherein the anacardic acid is substituted with a C12-C16 unsaturated hydrocarbonyl group.
16. The lubricant composition of claim 15, wherein the anacardic acid is substituted with a C12C15 hydrocarbonyl group.
17. The process of any of claims 12 to 16, wherein the alkaline earth metal is selected from Magnesium, Calcium, or mixtures thereof.

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18. The process of claim 17, wherein the alkaline earth metal comprises or consists of Magnesium.
19. The process of claim 17, wherein the alkaline earth metal comprises or consists of Calcium.
20. A lubricant composition comprising:
 - (a) an oil of lubricating viscosity;
 - (b) a detergent comprising an alkaline earth metal salt of a salicylic acid substituted at the 6 position with a hydrocarbyl group, an overbased metal salt of a salicylic acid substituted at the 6 position with a hydrocarbyl group, or combinations thereof.
21. The lubricant composition of claim 20, wherein the detergent is carbonated.
22. The lubricant composition of claim 20 or 21, wherein the alkaline earth metal is selected from Calcium, Magnesium, or mixtures thereof.
23. The lubricant composition of claim 22, wherein the alkaline earth metal comprises or consists of Magnesium.
24. The lubricant composition of any of claims 20 to 23, wherein the hydrocarbyl group is a C12-C16 unsaturated hydrocarbyl group.
25. The lubricant composition of claim 24, wherein the hydrocarbyl group is a C12C15 hydrocarbyl group.
26. The lubricant composition of any of claims 20 to 25, wherein the salicylic acid substituted at the 6 position with a hydrocarbyl group is anacardic acid.

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27. The lubricant composition of claim 26, wherein the anacardic acid is derived from raw cashew nut shell liquid.

28. The lubricant composition of any of claims 20 to 27, wherein the detergent is a neutral carbonated alkaline earth metal salt of a salicylic acid substituted at the 6 position with a hydrocarbyl group having a metal ratio of 1.3 or less.

29. The lubricant composition of any of claims 20 to 27, wherein the detergent is an overbased carbonated metal salt of a salicylic acid substituted at the 6 position with a hydrocarbyl group, or combinations thereof having a metal ratio of greater than 1.3.

30. The lubricant composition of any of claims 20 to 29, wherein the oil of lubricating viscosity has a viscosity grade of 0W-20 or less.

31. The lubricant composition of any of claims 20 to 30, wherein the oil of lubricating viscosity comprises a mineral oil, a synthetic oil, or a combination thereof.

32. The lubricant composition of any of claims 20 to 31, wherein said oil of lubricating viscosity is at least one of an API Group I oil, Group II oil, Group III oil, and mixtures thereof.

33. The lubricant composition of any of claims 20 to 32, wherein the lubricant composition further comprises an additive selected from one or more ashless dispersants, viscosity modifiers, pour point depressants, antioxidants, friction modifiers, zinc dithiophosphates, detergents, antiwear agents, corrosion inhibitors, antifoam agents, or any combination thereof.

34. The lubricant composition of claim 32 further comprising a neutral or overbased metal salt of alkylsalicylic acid substituted at the 3 or 5 position with a hydrocarbyl group .