

General solvent synthesis, production and utility

Technical Field:

1. Medicine
2. Chemistry

Background Art:

Detergents are formed of surface compounds which are not environmentally safe. They are either natural or synthetic. Oil soluble detergents are used in gasoline and lubricating oils to hold particulate impurities in suspension. Among the water soluble detergents, alcohols and common soaps are effective. Still more so are the synthetic types (syndets) such as sulphonated dodecylbenzene and similar alkylates. The linear alkyl sulphonates (LAS) are more biodegradable than are the branched-chain type; they are made from petrochemicals by various cracking and polymerization techniques. Three general types of detergents are in use; anionic, cationic, and non-ionic.

To overcome tissue metastatic calcification or stones developing in various duct systems of human body as renal stones or gall bladder stones shock wave lithotripsy is used, or surgically, or medicines to change pH of urine to prevent further stone formation.

Calcium is essential for human and animal cells where it is essential as an integral part of bone mineral, an integral part of the cell wall and its biological function, the essential link between excitation and contraction in all forms of muscle, the essential link between excitation and secretion in both endocrine and exocrine glands and an activator, regulator or inhibitor of key enzymes.

Glucose is essential for absorption of other solutes. Depending on this solute drag the preparation of any of the mixtures described in this patent includes glucose or a carbohydrate in different proportions.

Disclosure of Invention:

Solubility rules include; -All salts of the alkali metals are soluble, - All salts of the ammonium ion NH_4^+ are soluble, - All salts of nitrate ion

(NO_3^-) are soluble, - All salts of chlorate ion (ClO_3^-) are soluble, - All salts of perchlorate ion (ClO_4^-) are soluble, - All salts of acetate ion ($\text{C}_2\text{H}_3\text{O}_2^-$) are soluble, - All chlorides, bromides, and iodides (except Ag^+ , Pb^+ , and Hg_2^{2+}) are soluble, - All sulphates (SO_4^{2-}) (except those of Ca^{2+} , Sr^{2+} , Ba^{2+} and Pb^+) are soluble, - All metal oxides are insoluble, except those of alkali metals, Ca^{2+} , Sr^{2+} , Ba^{2+} , - All carbonates (CO_3^{2-}) are insoluble, except those of alkali metals, and ammonium salts, - All phosphates (PO_4^{3-}) are insoluble, except those of alkali metals, and ammonium (NH_4^+) salts, - All sulfides (S_2^-) are insoluble, except those of alkali metals, and ammonium salts.

The Novel Idea:

Using a mixture of different or any combinations of aqueous or anhydrous or molar volumes of these soluble salts is capable of :

1. Stain removal.
2. Functioning as a general solvent for any purpose.
3. Functioning as a general solvent for human or animal tissue calcification.
4. Functioning as a general solvent for human or animal tissue calculi in any system as renal calculi, gall stones, gall sludge etc.,
5. Delivering soluble calcium ions in medical conditions of convulsions and epilepsy of any aetiology.
6. Delivering soluble sodium and potassium ions in medical conditions of convulsions and epilepsy of any aetiology.
7. Delivering soluble calcium ions in medical conditions of osteoporosis of any aetiology.
8. Delivering soluble calcium ions in medical conditions of bone resorption of any aetiology.
9. Delivering soluble calcium ions in medical conditions of bone disease of any aetiology.
10. Delivering soluble calcium ions in medical conditions of cardiac arrhythmias of any aetiology.
11. Delivering soluble sodium and potassium ions in medical conditions of cardiac arrhythmias of any aetiology.
12. Delivering soluble ions in medical conditions of loss of transparency of eye lens, cornea, aqueous or vitreous body or loss of transparency of any component of eye of any aetiology.

13. Delivering soluble ions in medical conditions associated with development of atheromatous plaques in any site of human or animal body of any aetiology.

14. Delivering soluble ions in medical conditions associated with development of nervous system plaques in any site of human or animal body of any aetiology.

15. Delivering soluble ions in medical conditions associated with impulse conduction defects in any site of human or animal body of any aetiology.

16. Providing oxidation of aldoses to uronic acid and subsequent glucoronization of all substances in need for hepatic glucouronization.

Detailed Description of the Requested Patent:

Manufacturing, producing, preparing and processing a mixture of different combinations of anhydrous or aqueous or molar volumes of the following soluble salts :

- a- All salts of the alkali metals,
- b- All salts of the ammonium ion NH_4^+ ,
- c- All salts of nitrate ion (NO_3^-),
- d- All salts of chlorate ion (ClO_3^-),
- e- All salts of perchlorate ion (ClO_4^-),
- f- All salts of acetate ion ($\text{C}_2\text{H}_3\text{O}_2^-$),
- g- All chlorides, bromides, and iodides (except Ag^+ , Pb^+ , and Hg_2^{2+}),
- h- All sulphates (SO_4^{2-}) (except those of Ca^{2+} , Sr^{2+} , Ba^{2+} and Pb^+),
- i- Oxides of alkali metals, Ca^{2+} , Sr^{2+} , Ba^{2+} , and Manganese
- j- Carbonates (CO_3^{2-}) of alkali metals, and ammonium salts,
- k- Phosphates (PO_4^{3-}) of alkali metals, and ammonium (NH_4^+) salts,
- l- Sulfides (S_2^-) of alkali metals, and ammonium salts.
- m- Any single or all and any combination of carbohydrates.
- n- Any and all types of natural Honey.

Where:

- i. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any

- combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general stain remover.
- ii. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for any purpose.
- iii. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for prevention of human or animal tissue calcification.
- iv. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for prevention of human or animal tissue calculi in any system as renal calculi, gall stones, gall sludge etc.,
- v. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for human or animal tissue calcification.
- vi. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for human or animal tissue calculi in any system as renal calculi, gall stones, gall sludge etc.,
- vii. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of convulsions and epilepsy of any aetiology.

- viii. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of osteoporosis of any aetiology.
- ix. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of bone resorption of any aetiology.
- x. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of bone disease of any aetiology.
- xi. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of cardiac arrhythmias of any aetiology.
- xii. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of loss of transparency of eye lens, cornea, aqueous or vitreous body or loss of transparency of any component of eye of any aetiology.
- xiii. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions associated with development of atheromatous plaques in any site of human or animal body of any aetiology.

- xiv. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions associated with development of nervous system plaques in any site of human or animal body of any aetiology.
- xv. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions associated with impulse conduction defects in any site of human or animal body of any aetiology.
- xvi. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions associated with need for glucoronization of any and all substances in need for hepatic glucouronization.
- xvii. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions associated with need for glucoronization of any and all drug overdose or intoxication in need for hepatic glucouronization.

Claims

I claim:

Manufacturing, producing, preparing and processing a mixture of different combinations of anhydrous or aqueous or in any quantities or molar volumes of the following soluble salts :

- a- All salts of the alkali metals,
- b- All salts of the ammonium ion NH_4^+ ,
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- e- All salts of perchlorate ion (ClO_4^-),
- f- All salts of acetate ion ($\text{C}_2\text{H}_3\text{O}_2^-$),
- g- All chlorides, bromides, and iodides (except Ag^+ , Pb^+ , and Hg_2^{2+}),
- h- All sulphates (SO_4^{2-}) (except those of Ca^{2+} , Sr^{2+} , Ba^{2+} and Pb^+),
- i- Oxides of alkali metals, Ca^{2+} , Sr^{2+} , Ba^{2+} , and manganese
- j- Carbonates (CO_3^{2-}) of alkali metals, and ammonium salts,
- k- Phosphates (PO_4^{3-}) of alkali metals, and ammonium (NH_4^+) salts,
- l- Sulfides (S_2^-) of alkali metals, and ammonium salts.
- m- Any single or all and any combination of carbohydrates.
- n- Any and all types of natural Honey.

Where:

1. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general stain remover.
2. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for any purpose.
3. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any

combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for prevention of human or animal tissue calcification.

4. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for prevention of human or animal tissue calculi in any system as renal calculi, gall stones, gall sludge etc.,
5. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for human or animal tissue calcification.
6. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", as a general solvent for human or animal tissue calculi in any system as renal calculi, gall stones, gall sludge etc.,
7. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of convulsions and epilepsy of any aetiology.
8. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to "m" or "n" or "m+n", in medical conditions of osteoporosis of any aetiology.
9. All of "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" are effective if used as "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", and "l" added to "m" or "n" or "m+n" or as any combination of any or all entries of "a" through "l" added to

- “m” or “n” or “m+n”, in medical conditions of bone resorption of any aetiology.
10. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to “m” or “n” or “m+n”, in medical conditions of bone disease of any aetiology.
11. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to “m” or “n” or “m+n”, in medical conditions of cardiac arrhythmias of any aetiology.
12. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to “m” or “n” or “m+n”, in medical conditions of loss of transparency of eye lens, cornea, aqueous or vitreous body or loss of transparency of any component of eye of any aetiology.
13. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to “m” or “n” or “m+n”, in medical conditions associated with development of atheromatous plaques in any site of human or animal body of any aetiology.
14. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to “m” or “n” or “m+n”, in medical conditions associated with development of nervous system plaques in any site of human or animal body of any aetiology.
15. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to

“m” or “n” or “m+n”, in medical conditions associated with impulse conduction defects in any site of human or animal body of any aetiology.

16. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to “m” or “n” or “m+n”, in medical conditions associated with need for glucoronization of any and all substances in need for hepatic glucouronization.
17. All of “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” are effective if used as “a”, “b”, “c”, “d”, “e”, “f”, “g”, “h”, “i”, “j”, “k”, and “l” added to “m” or “n” or “m+n” or as any combination of any or all entries of “a” through “l” added to “m” or “n” or “m+n”, in medical conditions associated with need for glucoronization of any and all drug overdose or intoxication in need for hepatic glucouronization.