CLAIMS

What is claimed is the following:

1. A composition comprising:

an aqueous fluid;

a neutral surfactant or a reaction product form thereof;

a reaction product of a saccharide polymer and a fatty acid or a fatty ester, the saccharide polymer comprising a dextran, a dextrin compound, or any combination thereof, and the reaction product of the saccharide polymer and the fatty acid or the fatty ester and the reaction product form of the neutral surfactant, if present, being formed in the presence of an aqueous hydroxide base; and

one or more zwitterionic surfactants;

wherein a volume ratio of the one or more zwitterionic surfactants with respect to a combined volume of the one or more zwitterionic surfactants and the reaction product of the saccharide polymer and the fatty acid or the fatty ester is sufficient to make the composition brine-tolerant.

2. The composition of claim 1, wherein the composition is non-emulsifying toward oleaginous fluids.

3. The composition of claim 2, wherein the one or more zwitterionic surfactants comprise at least one amphoacetate, at least one amphodiacetate, or any combination thereof, optionally wherein the one or more zwitterionic surfactants further comprise at least one betaine, at least one sultaine, or any combination thereof.

4. The composition of claim 2, wherein the one or more zwitterionic surfactants comprise at least one amphoacetate, at least one

amphodiacetate, or any combination thereof, and a volume ratio of the at least one amphoacetate, the at least one amphodiacetate, or any combination thereof with respect to the combined volume of the one or more zwitterionic surfactants and the reaction product of the saccharide polymer and the fatty acid or the fatty ester ranges from about 0.1 to about 0.3, optionally wherein the one or more zwitterionic surfactants further comprise at least one betaine, at least one sultaine, or any combination thereof.

5. The composition of claim 1, wherein the one or more zwitterionic surfactants comprise at least one amphoacetate, at least one amphodiacetate, or any combination thereof, and a volume ratio of the at least one amphoacetate, the at least one amphodiacetate, or any combination thereof with respect to the combined volume of the one or more zwitterionic surfactants and the reaction product of the saccharide polymer and the fatty acid or the fatty ester ranges from about 0.1 to about 0.3.

6. The composition of claim 1, wherein the reaction product is formed from a fatty ester, and the reaction product further comprises glycerol, optionally wherein the fatty ester comprises a glycerol ester comprising up to three types of fatty acids each having about 4 to about 3 carbon atoms, or wherein the reaction product is formed from at least one fatty acid having about 4 to about 30 carbon atoms.

7. The composition of claim 1, wherein the neutral surfactant or the reaction product form thereof is present in a sufficient concentration to solubilize the reaction product of the saccharide polymer and the fatty acid or the fatty ester in the aqueous fluid.

8. The composition of claim 1, wherein the saccharide polymer comprises a dextrin compound, and the dextrin compound comprises a maltodextrin.

9. The composition of claim 1, wherein the reaction product of the saccharide polymer comprises a fatty ester saccharide polymer reaction product.

10. The composition of claim 1, wherein the neutral surfactant comprises a fatty acid alkanolamide.

11. The composition of claim 1, wherein the aqueous fluid comprises a brine.

12. A subterranean treatment fluid comprising the composition of claim 1 or claim 5, optionally wherein the one or more zwitterionic surfactants further comprise at least one betaine, at least one sultaine, or any combination thereof.

13. A method comprising:

providing the composition of claim 1 or claim 5, optionally wherein the one or more zwitterionic surfactants further comprise at least one betaine, at least one sultaine, or any combination thereof; and

contacting the composition with a brine-containing substance.

14. The method of claim 13, wherein the brine-containing substance also comprises an oleaginous material, optionally wherein the oleaginous material comprises petroleum, natural gas, an oilfield fluid, or any combination thereof.

15. The method of claim 13, wherein the neutral surfactant comprises a fatty acid alkanolamide.