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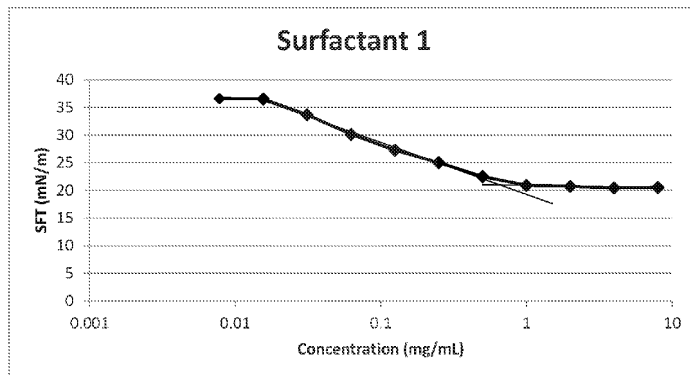


FIG. 1

(57) Abstract: Healthcare formulations, including, inventive surfactants, Active ingredient formulated as solids, liquids, or emulsions. The present disclosure provides formulations of healthcare products, such as: prescription drugs, over the counter drugs; minerals, herbal, and/or vitamin supplements; drugs administered in hospitals, clinics, physician's office, and places of palliative care; vaccines, tissue, organ, and cell transplants and/or grafts and/or infusions; and wound care formulations including topical ointments, lotions, cleaners, wipes, bandages, and dressings. The Active may be included in the formulations as a solute, a solvent, a particle, or an oil immiscible component of the formulation. The Active may be included in tablets, capsules, tinctures, liquids, or emulsions. Inventive healthcare formulations include formulations suitable for administration orally, topically, and/or by injection.

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