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(57) Abstract :

The present invention relates to the field of the mouth rinse compositions containing one or more oral care actives and flavor oils formulated in the form of oil-in-water emulsions. The invention more particularly relates to a formulation of nano-emulsion with Prunus Americana oil containing Heckla Lava in oil-in-water form. The oil that is extracted from the Prunus americana tree contains phenolic compounds that have medicinal qualities including those that are anti-inflammatory, antibacterial, antioxidant, and anti-diabetic. Since the dawn of time, the homoeopathic remedy Heckla Lava has been utilised for the treatment of dental pain. Both of these drugs are easily accessible, affordable, and risk-free; in addition, they inhibit the development of biofilms that are caused by the bacteria responsible for the majority of oral diseases, Streptococcus mutan.

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