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(57) Abstract :
The present invention relates to an eco-friendly textile finish designed to provide long-lasting mosquito-repellent properties to home textiles using natural extracts from Laurus nobilis and Allium sativum. The finish is formulated in a biodegradable, non-toxic matrix that maintains the softness, breathability, and aesthetics of the treated fabrics. Suitable for application on various home textiles such as bedsheets, curtains, and upholstery, the finish retains its mosquito-repellent efficacy after multiple wash cycles. The invention addresses the need for sustainable alternatives to chemical repellents and incorporates binding agents and UV stabilizers to ensure durability in both indoor and outdoor applications, making it ideal for eco-conscious consumers.

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