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(57) Abstract :

A composition of bacterial consortium and chitosan-fragrance nano-complex for the removal of malodor [00112] The invention relates to a composition of bacterial consortium and chitosan-fragrance nano-complex for the removal of malodour. The composition comprises bacterial consortium at a concentration of 15%, chitosan-fragrance nano-complex at a concentration of 40%, demineralized water at a concentration of 44.7% and fragrance compound at a concentration of 0.3%. The bacterial consortium releases extracellular enzymes which break down malodor compounds such as sulfur and nitrogen compounds, fatty acids and so on. The chitosan-fragrance nano-complex aids in sustained release of fragrance compounds which lasts longer. The composition of the present invention is water-based and non-toxic. (FIGURE 1)

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