

N9 SLP-FRESH[®]

**ADVANCED
FRESHNESS
PROTECTION
FOR TEXTILES**

N9 SLP-FRESH[®] neutralises odour causing bacteria on contact and keeps treated textiles hygienic and fresher for longer.

Odour Control in Textiles - An Essential Need

Protecting clothes from odour causing bacteria is one of the most important aspects of hygiene and it has gained importance in the people's minds. Textiles are breeding grounds for bacteria when they aren't properly protected. Moreover, due to a build-up of bacteria, your textiles begin to have malodour. Microbial infestation on textile fabrics causes degradation, staining and loss in performance of textile fabrics.

Humid and warm environments aggravate the problem on textile fabrics. The large surface area of textile fabrics paves a room for growth of these microbes and these microbes feed on the moisture and sweat producing unpleasant odours. Textile fabrics like apparel, active wear, socks, bed and bath linen that come in close contact with the skin are a major focus. To combat this, you need hygienic textiles with protection from odour causing bacteria.

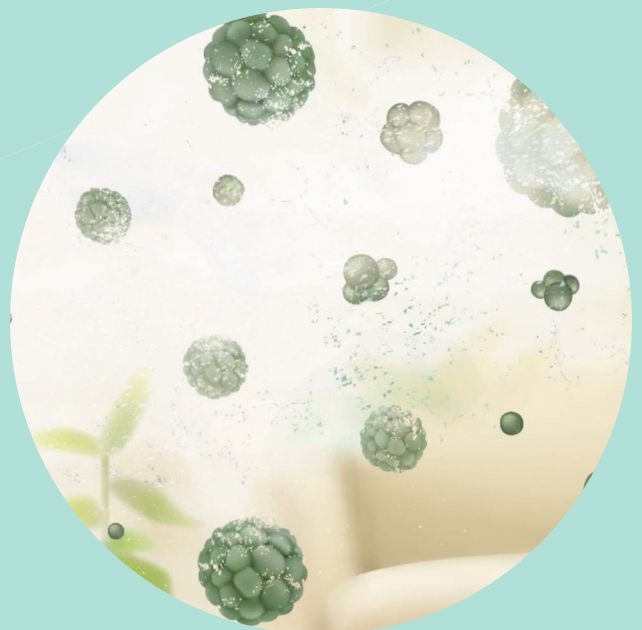


The real-life impact of malodour

Studies have shown that people with unpleasant odours expressed low confidence in their abilities to perform tasks and there is a growing increase in demand for textiles with antimicrobial agent to control odours over the last few years.

The solution to bacterial malodour in textiles

N9 SLP-FRESH® technology utilizes multiple functional surface modification techniques to retard the growth and action of bacterial odours on the fabric surface. This feature can be attributed to the fast acting nature of the product.



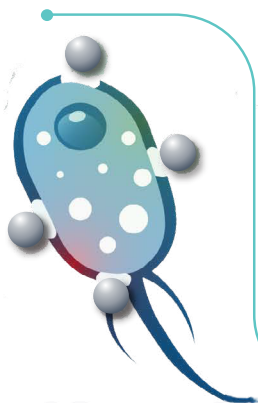
What is N9 SLP-FRESH[®]

N9 SLP-FRESH[®] is a custom blend of an US EPA active ingredient (EPA. Reg. No. 87396-1-92372). N9 SLP-FRESH[®] acts effectively to protect textile articles from *deterioration, discolouration, staining and also prevents development of bad odours*. This technology inhibits the growth of bacterial odours by damaging the cell wall & cell membrane function critical for the life and survival of the bacteria.

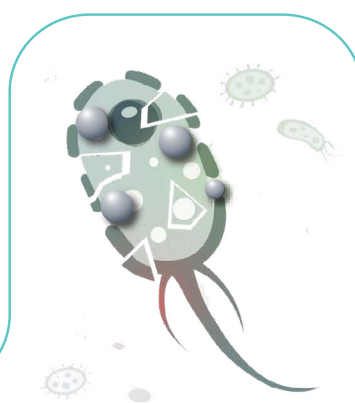
Key features of N9 SLP-FRESH[®]

- Single Component System
- Blend of US EPA registered active ingredient
- Effective against a broad-spectrum of bacteria
- Durable for multiple washes for providing antibacterial textiles
- US TSCA Complaint
- Applicable by Exhaust, Pad & Spray techniques
- Tested using AATCC 100, JIS L 1902, ISO 20743
- ZDHC Registered

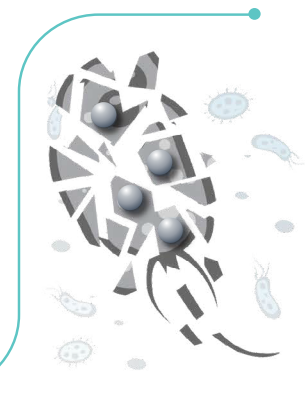
Mechanism



N9 SLP-FRESH[®] ruptures the bacterial cell membrane



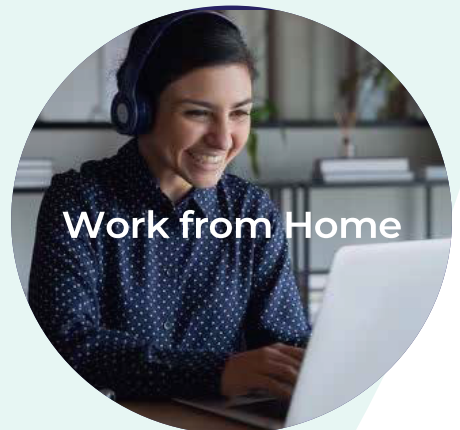
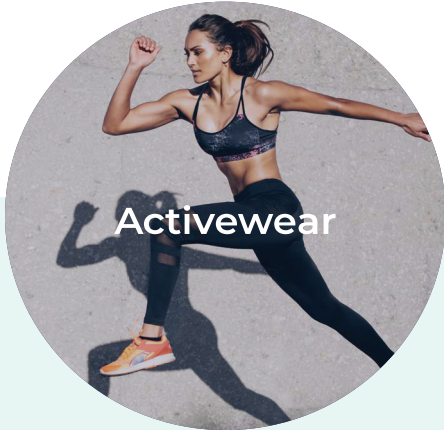
Destroys the reproductive receptor



N9 SLP-FRESH[®] immobilises the bacteria by depleting oxygen

Applications

N9 SLP-FRESH[®]



Hygiene



Durable



Resists Microbial
Odour Development



Safe on
Environment

Disclaimer: N9WTPPL warrants that its products will conform to N9WTPPL's specifications. This product being a custom blend is prepared only after receiving the order from customers and no inventory is being held at N9. This product is meant to be used only in the customer's property and the customer shall not sell this to any third party. The composition of the mixture is available in the end use labels and the customer shall use it only for the intended applications. The regulatory landscape across the globe is fast changing and applicable laws and usage conditions may differ from one country to another and may vary with time. No warranties are given; all implied warranties of merchantability or fitness for a specific purpose are expressly excluded. Read the Safety Data Sheet (SDS), Label, and Product information before use. It is the user's responsibility to validate the claims on the finished products. Neither this product nor the articles treated with this product may state or imply any public health claims. Do not use this product to treat material intended for food-contact uses. Active healthcare claims on treated articles are not permitted by the US FDA and US EPA and require pesticidal device registration. N9 SLP-FRESH[®] is not intended to prevent disease, it is used for protection of the treated textiles. Please contact N9 for all treated article claims approval prior to commercialization.



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