

IMAGINE HOW YOU
CAN PERFORM
WITH DEVAN'S

PURISSIMO NTL

Probiotic based Allergen Control Technology
Biobased & biodegradable

ALLERGIES

Worldwide, an increasing number of people are showing forms of allergies.

Allergy to **cats, dogs** or other **animals** depends on how often you encounter their dander, or dead skin cells. Similar to pet dander, **dust mites** create allergens that are continuously present in our homes. Note that the animals or mites themselves are only an indirect cause of allergies.

Some people are also allergic to **pollen**, which are tiny particles released by trees, grasses and weeds.



THE ALLERGY THRESHOLD

All allergy sufferers are different when it comes to their sensitivity to allergens. However, few people are only allergic to a single allergen – and the effects of multiple allergens add up. The key to reducing and even eliminating symptoms is to reduce your exposure to the allergens themselves.

When people move into a house, bring in a new dog or new furniture for example, the amount of allergens starts to rise. In the beginning there are little to none, so the allergy threshold causing symptoms is far from being reached. Nobody is suffering any reaction at this stage. As time goes by, the various allergens begin building up inside the house. As the allergen concentration increases (possibly in combination with seasonal allergens), the allergy threshold may be reached if no allergen reduction measures are in place.

HOW TO REDUCE EXPOSURE TO ALLERGENS?

For more than 12 years Devan has been offering allergen control solutions based on microencapsulated probiotics.

Purissimo®NTL is a **97% biobased allergen control technology** that cleans up pet dander, pollen and dust mite allergens in textiles throughout the home. The technology is based on **encapsulated probiotics**, which are natural microorganisms similar in kind to those you can find in food like yoghurt and cheese.

As the **probiotics consume the allergens**, exposure in the environment is **gradually reduced** below the threshold levels. Therefore, individuals with respiratory allergies will be exposed to fewer 'attacks' and perceive a better well-being.

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DURING THE POLLEN SEASON



Experiencing allergy symptoms
because allergens are above threshold

TREATED WITH PURISSIMO NTL

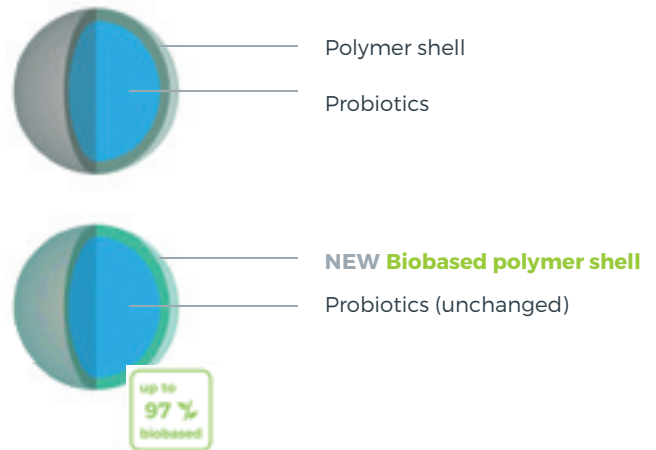


No allergy systems
because allergens are below threshold

BIOBASED CAPSULES

What makes Purissimo®NTL unique and different from the standard Purissimo range is the shell of the capsules that is now biobased as well. The shell of the new capsules is based on a **natural crosslinked biobased polymer**. The capsules are up to 97% biobased and **readily biodegradable** (OECD 301B).

The probiotics range and mechanism of release has not been changed.



APPLICATION METHODS

- Spraying on the fabric
- Padding on the fabric

ADVANTAGES

- Biobased solution
- Readily biodegradable (OECD 301B)
- Long lasting effect
- Wash-durable up to 30 washes
- Different wash durability recipes possible according to application
- Environmentally friendly
- Patented technology
- Natural technology; probiotics use allergens as a food source
- Oeko-tex® compliant

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