

# Nanotechnology for holistic Pet-care

**PLIN**  
NANOTECHNOLOGY FOR EVERYONE



A transmission electron micrograph (TEM) of a cell, showing various internal organelles. The cell is roughly oval-shaped and contains several dark, circular structures, likely mitochondria or other organelles. The background is a light gray, representing the cytoplasm. A scale bar is visible in the bottom right corner of the image, labeled '20 nm'.

**For millennia the world was just  
what we could see or observe.**

Now we can see more, perceive more, utilize more.



**NanoSanitas is a PLiN trademark, debuting in our upcoming Pet-line products (Deodorizer, Dental Care, Shampoo, Multipurpose Skin and Fur Care)**

## Why our Nano-solutions are the perfect fit

- ✓ NanoSanitas™ is a Silver-based technology that promotes wound healing and relieves from infections\*
- ✓ Our anti-odor spray is a hypoallergenic and environmentally-friendly water-based formulation, that eliminates 100% of all bacteria originating odors
- ✓ Our shampoos are moisturizing, smell inhibiting and intended for gentle cleansing, defending your pets from Fleas & Ticks\*
- ✓ All our products are:
  - free of solvents, preservatives and biocidal chemicals
  - user and skin compatible/friendly
  - engineered for easy and repeated use/application

\* NanoSanitas™ Products are not intended as pharmaceutical substitutes, they work best as part of a holistic approach to either wound healing or flea & tick control.

## Deodorizer

Multipurpose NanoSanitas™ solution (sprayable), suitable to clean and sanitize pet accessories and living space. The solution contains a unique combination of nanoparticles that permanently neutralize bacteria originating odors, leaving a fresh and clean scent. Appropriate for all breeds of small to medium animals (cats, dogs, birds, hamsters etc), this deodorizer is suitable for local/topical or general application (e.g. on cat litter). The product is ready to use (no dilution required).

## Shampoo

Designed for gentle cleansing, our shampoos can be used either by themselves or combined with other cleaning products. Engineered to meet the individual need of your companion, they are pH balanced (gender/hormone specific) and come in both, long and short hair variations. NanoSanitas™ provides smell inhibiting properties and promotes wound healing, while defending from infections, Fleas & Ticks.

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## **Multipurpose Skin and Fur Care** (available March 2017)

Based on our NanoSanitas™ technology, this spray is designed to deal with skin and coat problems of small to medium animals (cats, dogs etc). This multipurpose solution, suitable for sore or sensitive skin, cleans and freshens the coat of the animal, as it removes pathogens and inhibits the growth of harmful bacteria and microbes. It can be safely used directly on the pet's skin or fur, even in the presence of cuts, irritations or abrasions, as it promotes tissue regeneration. This eco-friendly product has no side effects and can be applied with safety around the mouth, eyes and nose of the pet.

## **Dental Care** (available March 2017)

Our nanotechnology based oral care products, available as a biogel, are based on our proprietary NanoSanitas™. Formulated to freshen your pet's breath, they aid in gingivitis and periodontal control and are helpful in battling other symptoms as plaque, tartar and gum disease. They are convenient in use (no brushing required).



# Carefully engineered - Exhaustively tested



With a vast network of accredited testing laboratories and R&D centers, we exhaustively test all our materials and products and have been granted several certificates for a variety of performance related characteristics, such as:

- Anti-odor.
- Skin-friendly properties.
- Antibacterial action.
- Suitability for use



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