

# BSB awards Prolabin & Tefarm's NIODOR as best cosmetic raw material

NIODOR, the new raw material for deodorant and antiperspirant by Prolabin & Tefarm, has been awarded best cosmetic raw material by the jury of the BSB European Innovation Prize during the In Cosmetics tradeshow 2015 (Barcelona 14-16 April).



The independent consulting company Beratungs and Servicebür Dr Riedel (BSB) has been awarding the best cosmetic and raw material innovations for 13 years, alongside the In Cosmetics tradeshow. NIODOR has been awarded in the last edition in the category of cosmetics and recipients.

Prolabin & Tefarm has developed a new raw material called NIODOR for deodorant and antiperspirant applications. This innovative product consists of ZINC CARBONATE HYDROXIDE a synthetic lamellar compound aluminum-free. This is one of the strength points of NIODOR, because aluminum is associated to the onset of the breast cancer and its potential accumulation in the body can cause neurovegetative damages like Alzheimer disease. NIODOR is a very effective product without aluminum salts. NIODOR is able to adsorb molecules responsible of bad smell, like fatty acids secreted by the skin, thanks to its special characteristics of high absorption and ionic exchange. In fact NIODOR is an insoluble but dispersible, both in water and oil phases, lamellar micropowder able to intercalate in its interlayered structure waste molecules and to allow the normal perspiration of the skin. This mechanism is based on the anionic exchange activated by sweat. NIODOR is active in the range of 3-5 wt% in formulation and can be used in combination with other active ingredients like antibacterials and/or enzymatic inhibitors, like triethyl citrate. NIODOR is available in the market and already employed in commercial deodorant products, for different kinds of formulation, roll-on, spray no-gas and now a spray gas product is still developing. Preliminary results are very good so Prolabin & Tefarm is confident that this new product will be available soon in the market.

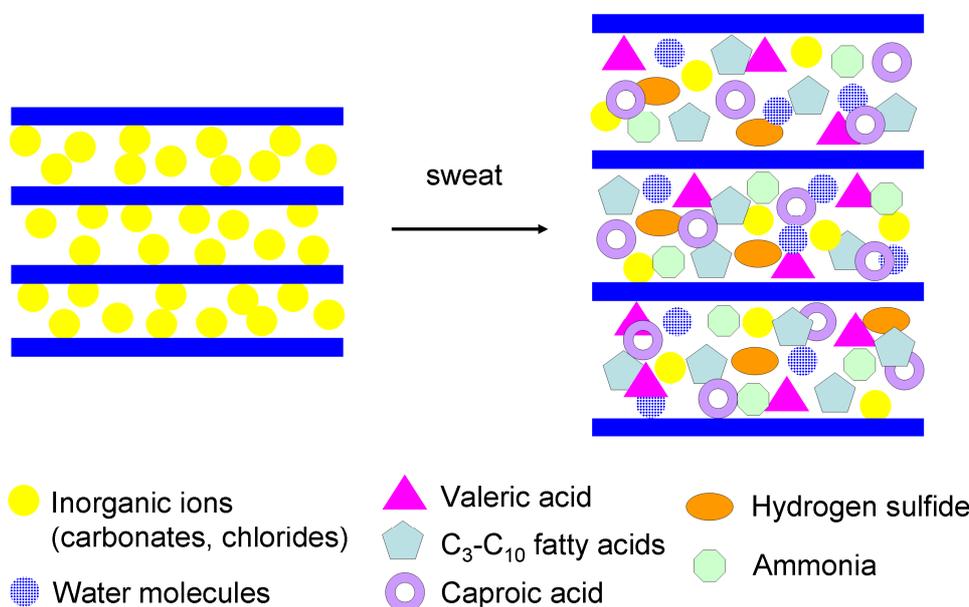


# NIODOR

ZINC HYDROXIDE CARBONATE  
ANTIPERSPIRANT, ADSORBENT AND DEODORANT



**NIODOR** is a lamellar solid in white powder form with micrometer-sized particles impalpable with high surface area. **NIODOR** is aluminum-free product obtained with green methods of synthesis that not involve the use of organic solvents but only water and allows to control chemical purity, morphology, crystallinity degree of the final raw material.



**NIODOR** is able to capture waste substances and small organic molecules responsible for bad smell linking them to its lamellar structure. **NIODOR** adsorbs water and minimizes the secretion sweating.

13<sup>th</sup> BSB Innovation Prize 2015

The Awards Ceremony in Barcelona

## NIODOR

Winner of Best Raw Material Award

Category: Functional/recipients

