

**NATURAL ANTIBACTERIAL AND ANTIVIRAL BIOLOGICAL COMPOSITIONS,
COMPOUNDS, METHOD FOR OBTAINING SAME, AND USE THEREOF**

ABSTRACT

The present invention relates to a natural antibacterial and antiviral biological composition for use in hospitals and homes, in particular a composition that includes ricinoleic acid derived from the extraction of castor oil, diethanolamine and propolis, a method for obtaining the composition, and the use thereof. The invention can be used to control various pathogenic microorganisms, such as bacteria belonging to the *Staphylococcus*, *Pseudomonas*, *Enterobacter* and *Bacillus* genera; as well as hospital-environment fungi (filamentous and yeast-like) and phytopathogenic fungi (*Colletotrichum fragariae*). The product can be sprayed on biotic and abiotic surfaces, and non-woven fabric can subsequently be used to remove organic matter, including microorganisms. The product can also be used to disinfect medical, dental and hospital items by immersion followed by quick rinsing.

No figure.