

# NATURAL FORMATION AND TEXTILE APPLICATION FOR SKINCARE



## Description of the Invention

The invention relates to a natural skincare formulation in the form of oil, wax, or cream with moisturizing, antioxidant, and antimicrobial properties, as well as textile products into which this formulation is integrated.



### Applicant

Nanorc Arge Mühendislik  
Sanayi ve Ticaret A.Ş.



### Inventors

Funda Özkök  
Yeşim Müge Şahin  
Onur Özkök  
Atahan Çalık

### Country

Türkiye

### Application Number

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### Status

Searching

## Advantages

- A natural formulation developed and optimized to provide anticancer, antithrombotic, anti-inflammatory, anti-osteoporotic, neuroprotective and cytoprotective properties.
- The formulation subject to the invention has potential applications in textile products such as socks, gloves, tent fabric, baby changing mats, baby bibs, diapers, cotton-based medical products and similar textile goods.
- It offers ease of production by allowing the application to textile products through dipping, direct coating, spray coating and transfer coating methods.

**The formulation helps eliminate microbial structures such as fungi and bacteria that may cause skin problems and it alleviates issues such as rashes caused by friction and dryness-related flaking of the skin.**

## Market Information

The global functional textiles market size was valued at USD 140.12 billion in 2022. This market is expected to grow at a rate of 7.7% and reach USD 273.18 billion by 2031.

## Target Audience

The invention is intended primarily for companies operating under the NACE codes listed below, particularly businesses engaged in functional textile production

## Areas of Use

The invention is suitable for use by functional textile manufacturers, natural cosmetics and personal care brands, wellness spas and dermatology centers, baby textile and hygiene product manufacturers, and medical textile producers.

### Nace Code

### Activity

13.96

Manufacture of other technical and industrial textile products

## Expectation

The aim is to transfer the technology to target companies through patent licensing. This technology transfer will be supported by industry-to-industry collaboration projects.

It is eligible under TÜBİTAK 1702 – Patent-Based Technology Transfer Support Call.

In the case of a technology transfer, since the customer company qualifies as an SME, it will be able to reclaim 25%-40% of the licensing fees paid.

### Contact

+90 212 691 60 01  
kulucka@entertech.com.tr

