



**DuoLife Antibacterial Clean Hands Gel** is a cosmetic product in the form of hand care gel. The product has protective, caring and antibacterial properties. DuoLife Antibacterial Clean Hands Gel provides complex hand care and protection. Its composition contains such ingredients as precious essential oils and menthol.

**Learn more about the essential oils in the composition of DuoLife Antibacterial Clean Hands Gel:**



Lavender oil is sourced from lavender flowers and leaves. The cosmetic properties of common lavender were already known in the ancient times. Common lavender (*Lavandula officinalis Chaix.*), also known as narrow-leaved lavender (*Lavandula angustifolia Mill.*), belongs to the *Lamiaceae* family. Lavender essential oil is obtained in the process of steam distillation. This essential oil contains precious active compounds, such as limonene, camphor,  $\alpha$ -pinene,  $\beta$ -pinene and rosmarinic acid.



Geranium oil is sourced from plants from the *Pelargonium* genus and the *Geraniaceae* family. The best essential oil is obtained through steam distillation of the *Pelargonium graveolens* plant (its leaves, stems and flowers). This plant is grown in many countries located in subtropical, tropical and temperate zones. The main ingredients of this essential oil are geraniol and citronellol. It also contains geranic acid, linalool, myrtenol, terpineol, citral and eugenol.



Rosemary oil can be found in glandular trichomes which are abundant on the lower side of leaves and in flowers, and more scarce on stems. The raw material for oil production are rosemary leaves and plants. Around 200 ingredients have been identified in rosemary essential oil. The main ingredient of this essential oil is 1,8-cineole; monoterpen hydrocarbons: camphor, camphene and the dominating  $\alpha$ -pinene. They are responsible for the tang of the essential oil.



Citronella oil is sourced from citronella grass (*Cymbopogon nardus L.*) from the *Graminaceae* family. Its main ingredients are citronellal and geraniol, as well as citronellyl acetate,  $\beta$ -burbonene, geranyl acetate, L-borneol and nerol.



Tea tree oil is sourced through steam distillation of leaves of *Malaleuca alternifolia*, a plant belonging to the *Myrtaceae* family. The main biologically active ingredients of the tea tree oil are  $\gamma$ - and  $\alpha$ -terpinene,  $\alpha$ -terpineol, 1,8-cineole, p-cymene,  $\alpha$ -pinene and limonene; however, the most important one is undoubtedly terpinen-4-ol, thanks to which the oil has antibacterial properties.