

# NEWRESP

## INDICATIONS AND PROPERTIES

### • *Eucalyptus globulus* o.e

Eucalyptus essential oil is obtained from fresh leaves of the evergreen Eucalyptus tree, which is scientifically classified as *Eucalyptus globulus* and belongs to the Myrtaceae family. The health benefits of eucalyptus oil are well-known and wide ranging. It shows anti-inflammatory, antispasmodic, decongestant, deodorant, antiseptic and antibacterial properties.

Eucalyptus is especially known for its antimicrobial properties, particularly in the respiratory system: it stimulates mucous secretions and inhibits the growth of pathogens. Eucalyptus essential oil is effective for treating respiratory problems. The main component of the essential oil is eucalyptol, which shows antiseptic and anti-inflammatory actions due to the interaction with reactive oxygen species, the decreasing of leukocyte activation and the inhibition of the synthesis of prostaglandins.

### • *Menthol* (o.e. di *Menhta piperita*)

The main benefit of peppermint is its ability to help the respiratory functionality, as well as its use as analgesic thanks to its content of menthol. Peppermint oil also contains many minerals and nutrients such as manganese, iron, magnesium, calcium, folic acid, potassium and copper. It also contains  $\omega$ -3 fatty acids, vitamin A and vitamin C.

### • *Thymol* (*Thymus vulgaris*)

Thymol is a natural phenol monoterpene found in the essential oil of common thyme (*Thymus vulgaris*) with strong antimicrobial activity against a wide range of gram-positive and gram-negative bacteria, and is one of the most well-researched active components of essential oils. Thyme (*Thymus* spp.) and oregano (*Origanum* spp.) oils contain large but variable quantities of thymol.

It has been documented its antibacterial, antiparasitic, antifungal and antioxidant activities. Thymol causes disintegration of the membrane of bacteria and hence leading to the release of membrane-associated material from the cells to the external medium.

Thanks to its toning and antiseptic, due to the phenolic structure, is particularly suitable for respiratory diseases. Thymol reduces inflammation, has expectorant action, mucolytic and antispasmodic.

## INSTRUCTION FOR USE

500-1000 ml NEWRESP/1000 liters of water

## PACKING

5-liter and 20-liter tanks

**For further information, please send and email at [info@biotrade.it](mailto:info@biotrade.it)**



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