

Characteristics of Guaiacwood Components

The chemical components of Guaiacwood essential oil are valued for their aromas and chemical properties. Some of the most interesting components of Guaiacwood essential oil are:

1. Guaiol: This is the main component responsible for the characteristic aroma of guaiac wood. The aroma is sweet, earthy and woody.
2. Guayacol: This is another important aromatic component that contributes to the characteristic scent of guaiac wood. The aroma is smoky with a trace of spice.
3. Bulnesol: Contributes a sweet and floral aroma to the Guaiacwood essential oil.
4. Eugenol: Also found in cloves, eugenol is a phenol that contributes spicy clove notes to the scent of the oil.
5. Beta-Caryophyllene: A terpene that contributes spicy notes to the aroma.
6. Isoeugenol: Similar to Eugenol, it contributes spicy notes of clove to the aroma.
7. Elemol: A sesquiterpene with a sweet and earthy aroma.
8. Alpha-Guaiene: A terpene that contributes notes of wood and spice to the aroma.
9. Alpha-Bulnesene: Another terpene that contributes earthy and spicy notes.

Guaiacwood essential oil components are valuable for the perfume and aromatherapy industries due to their unique and versatile aromas. They are used in the formulation of perfumes, fragrances, personal care products and flavorings.