

# BOTANICAL'S BREATH

## ESSENTIAL OIL POWDERS

*Nutraceutical, Cosmeceutical,  
Health and Wellness Applications*



### DATA SHEET: LABDANUM OIL POWDER

Botanical Innovations unique LABDANUM ESSENTIAL OIL POWDER contains 50% essential oil with a carrier. This is unique aromatic fine powder versatile product for a variety of nutraceutical, flavouring and cosmeceutal applications.

**Botanical Name and Family:** *Cistus ladaniferus* Cistaceae family.

**CAS:** 816-26-0

**Description:** 50% LABDANUM Essential Oil 50% Modified Starch

**Oil Extraction Process:** Labdanum Oil is obtained through solvent extraction or steam distillation of the resinous gum collected from the plant. Solvent extraction involves using a solvent, such as ethanol, to dissolve the resin and separate the oil. Steam distillation involves the use of steam to extract the essential oil from the resin, which is then condensed and collected.

**Characteristics:** Labdanum Oil has a warm, rich, and resinous aroma with sweet, balsamic undertones. It is a thick, dark brown to amber-colored oil.

**Active Compounds:** The main active compounds in Labdanum Oil include various labdane-type diterpenes, such as cistusone, ambroxide, and ambrein. These compounds contribute to its fragrance and potential therapeutic properties.

*Cistus ladaniferus* is an evergreen shrub that typically grows up to 2 meters in height. It has dark green leaves and produces beautiful pink or white flowers. The plant exudes a sticky resin known as labdanum, which is collected and used to extract the essential oil.

**Traditional Applications:** Labdanum has a long history of use in various cultures. It has been used in traditional medicine for its potential wound healing, expectorant, and anti-inflammatory properties. It has also been used as a fragrance ingredient and in incense blends.

**Commercial Applications:** Labdanum Oil Powder is primarily used in the fragrance industry as a base note or fixative in perfumes, colognes, and other scented products. It provides a warm and resinous

aroma that adds depth and complexity to fragrance compositions.

**Aromatherapy Applications:** Labdanum Oil Powder is used in aromatherapy for its grounding and calming properties. It can help create a sense of tranquility and relaxation. It can be diffused, inhaled directly, or used in massage blends.

The information provided is for educational purposes only.

Minimum order quantities apply.

Contact us for further details T: +61488196527 E: [admin@botanicalsbreath.com.au](mailto:admin@botanicalsbreath.com.au)

W: [botanicalsbreath.com.au](http://botanicalsbreath.com.au)