

BOTANICAL'S BREATH

ESSENTIAL OIL POWDERS

*Nutraceutical, Cosmeceutical,
Health and Wellness Applications*



DATA SHEET: GINGER OIL POWDER

Botanical Innovations unique GINGER 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: *Zingiber officinale*, Zingiberaceae family.

CAS: 8007-08-7

Description: 50% GINGER Essential Oil 50% Modified Starch

Oil Extraction Process: Ginger Oil is commonly obtained through steam distillation of the fresh or dried rhizomes of the ginger plant. The steam carries the volatile compounds from the rhizomes, which are then condensed to obtain the oil.

Characteristics: Ginger Oil has a warm, spicy, and slightly sweet aroma with earthy undertones. It is a pale yellow to amber-colored liquid with a medium consistency.

Active Compounds: The main active compounds in Ginger Oil include gingerol, zingiberene, and other sesquiterpenes. These compounds contribute to its potential therapeutic properties. *Zingiber officinale* is a rhizomatous plant with thick, knobby underground stems called rhizomes. It has long, narrow leaves and produces clusters of yellowish-green flowers. The rhizomes of the ginger plant are used to obtain ginger oil.

Traditional Applications: Ginger has a long history of use in traditional medicine and culinary applications. It is renowned for its potential anti-inflammatory, digestive, and warming properties. Ginger has been used to alleviate digestive discomfort, promote circulation, reduce nausea, and support overall well-being.

Commercial Applications: Ginger Oil is used in the food and beverage industry as a flavoring agent. It is also utilized in the production of personal care products, cosmetics, and natural health remedies.

Aromatherapy Applications: Ginger Oil is commonly used in aromatherapy for its invigorating and warming effects. It is believed to promote energy, ease feelings of lethargy or fatigue, and provide comfort during periods of stress or discomfort. It can be diffused, inhaled, or used in massage blends.

The information provided is for educational purposes only.

Minimum order quantities apply.

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