

# BOTANICAL'S BREATH

## ESSENTIAL OIL POWDERS

*Nutraceutical, Cosmeceutical,  
Health and Wellness Applications*



### DATA SHEET: CITRONELLA OIL POWDER

Botanical Innovations unique CITRONELLA 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: *Cymbopogon nardus* and *Cymbopogon winterianus*.

*Poaceae* (Grass) family.

**CAS:** 8000-29-1

**Description:** 50% CITRONELLA Essential Oil 50% Maltose/Maltodextrin

**Oil Extraction Process:** Citronella Oil is extracted from the leaves and stems of citronella grass through steam distillation. The steam carries the volatile compounds from the plant material, which are then condensed to obtain the oil.

**Characteristics:** Citronella Oil has a fresh, sweet, and citrus-like aroma with grassy undertones. It is a light yellow to brownish liquid with a thin consistency.

**Active Compounds:** The main active compounds in citronella oil are citronellal, geraniol, and citronellol, which contribute to its insect-repellent properties. It also contains other components such as limonene and linalool.

*Cymbopogon nardus* is a tall perennial grass with long, narrow leaves and a tufted growth habit. *Cymbopogon winterianus* is a similar grass species with aromatic leaves. Both plants are native to tropical regions.

**Traditional Applications:** Citronella has been traditionally used for its insect-repellent properties. The crushed leaves or oil were applied to the skin or used in candles and diffusers to ward off mosquitoes and other insects.

**Commercial Applications:** Citronella Oil is widely used in the production of insect repellents, candles, soaps, and other personal care products. It is valued for its ability to repel mosquitoes and other biting insects.

**Aromatherapy Applications:** In aromatherapy, Citronella Oil is known for its fresh and uplifting scent. It is believed to promote a positive atmosphere, ward off insects, and enhance mental clarity. It is often used in blends for outdoor diffusers, natural bug sprays, and outdoor candles.

The information provided is for educational purposes only.

Minimum order quantities apply.

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