

PRODUCT NAME **GINGER ESSENTIAL OIL**
PRODUCT CODE **EC 0013**

SPECIFICATIONS

DESCRIPTION

The volatile oil obtained by steam distillation of the dried ground rhizome of *Zingier officianale* (Fam. *Zingiberacea*). It is soluble in most fixed oils and in mineral oil. It is soluble usually with turbidity in alcohol, but it is insoluble in glycerine and in propylene glycol.

ORGANOLEPTICS CHARACTERISTICS

APPEARANCE	Transparent oily liquid.
COLOR	Light yellow to dark yellow.
ODOR AND TASTE	Characteristics of ginger.

PHYSICO CHEMICAL CHRACTERISTICS

DENSITY 25°C (g/mL)	0.870 – 0.882
REFRACTIVE INDEX 20°C	1.488 – 1.494
ANGULAR ROTATION 20°C	-28.00° – -47.00°

APLICATIONS

Flavouring agent. It is widely used in the preparation of carbonated soft drinks and non carbonated, dairy products, ice cream, candies, bakery products, condiments, meats, etc. It finds limited use also in perfumery, where it imparts an individual note to compositions of the oriental type. The dosage varies depending on product type and intensity of flavor desired in the final product. Non-direct product for consumption (NRTE).

CONCENTRATION

10 parts of Ginger Essential Oil EC 0013 will replace approximately 1000 parts of natural dried rhizome of ginger.

STORAGE

Storage in original bottle; in fresh, clean, dry place, free from strange odors and well protected from direct light and away from heat. The containers should be perfectly closed.

PACKAGE

Aluminum containers of 1L. Each package must have a label that indicates the product identification, lot number, net weight, production date and expiry date

SHELF LIFE

Shelf life is two years if keep as indicated. Shake well before using.

ALLERGENS

This product is allergen free

REGULATORY STATUS: FEMa No. 2522, GRAS (I), (II).
REFERENCE: FCC XII 512.

RESEARCH AND DEVELOPMENT DEPARTMENT
UPDATE: JULY 15, 2022 ING. SEBASTIAN GAYTAN MOTA
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