



TECHNICAL DATA SHEET

Issue date: 12/11/2014

Revision date: 17/09/2021

ORGANIC GINGER OIL

Version: 1.5

Supersedes version of:
15/06/2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

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Name : ORGANIC GINGER OIL
Product code : BGINHE01
Origin : Sri Lanka,India

SECTION 2: PRODUCTION PROCESS

Manufacture : Water-steam distillation of the Zingiber officinale dried roots

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Zingiber officinale Roscoe
INCI Name : ZINGIBER OFFICINALE ROOT OIL
Synonyms : CAS USA No 8007-08-7
CAS-No. : 84696-15-1
EC-No. : 283-634-2
FEMA : 2522
FDA : 182.20
CEE : 489n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile.
Colour : light yellow. brown.
Odour : characteristic. aromatic. spicy.
Flash point : 66 °C
Melting point : Not applicable
Relative density : 0,86 – 0,89
Refractive index : 1,48 – 1,494
Optical rotation : -47 – -12 °
Solubility : Insoluble in water. Soluble in. alcohol.

A-ZINGIBERENE : 25 - 40 %

Composition : Ar-CURCUMENE : 3 - 15 %

B-ZINGIBERENE : 4 - 15 %

SECTION 5: Handling and storage

Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing smokes, vapours. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Maximum storage period : 36 months Shelf life to guarantee the quality and properties of the product; After this period, it is recommended to control organoleptic and physicochemical properties before using the raw material.

Storage temperature : 18 (5 – 25) °C

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.