

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

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**Name** : MELISSA ORGANIC OIL  
**Product code** : BMELHE01  
**Origin** : Balkans,France,Hungary,Morocco

## SECTION 2: PRODUCTION PROCESS

**Manufacture** : Watersteam distillation of Melissa officinalis leaves

## SECTION 3: REGULATORY SITUATION

**Identification of the product** : Essential oil  
**Botanical name** : Melissa officinalis L.  
**INCI Name** : MELISSA OFFICINALIS LEAF OIL  
**Synonyms** : CAS USA No 8014-71-9  
**CAS-No.** : 84082-61-1  
**EC-No.** : 282-007-0  
**FEMA** : 2113  
**FDA** : 182.20  
**CEE** : 280n

## SECTION 4: Physical and chemical properties

**Physical state** : Liquid.  
**Colour** : light yellow. Yellow. orange.  
**Odour** : characteristic. fresh. lemon-like. pleasant.  
**Flash point** : 75 °C  
**Melting point** : Not applicable  
**Relative density** : 0,885 – 0,915  
**Refractive index** : 1,48 – 1,515  
**Optical rotation** : -45 – 5 °  
**Solubility** : Insoluble in water. Soluble in. alcohol.  
**Composition** : CITRAL (GERANIAL + NERAL); B-CARYOPHYLLENE; CITRONELLAL

## 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 in a well-ventilated place. Keep cool.  
**Incompatible products** : Strong bases. Strong acids.  
**Incompatible materials** : Sources of ignition. Direct sunlight.  
**Maximum storage period** : 3 year 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 (10 – 25) °C

Exaflor Technical Data Sheet

*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.*