



## TECHNICAL DATA SHEET

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## BASIL OIL OCIMUM GRATISSIMUM

Version: 1.1

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

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**Name** : BASIL OIL OCIMUM GRATISSIMUM  
**Product code** : BASHE04  
**Origin** : Vietnam

### SECTION 2: PRODUCTION PROCESS

**Manufacture** : Steam distillation of flowery tips of Ocimum gratissimum

### SECTION 3: REGULATORY SITUATION

**Identification of the product** : Essential oil  
**Botanical name** : Ocimum gratissimum L.  
**INCI Name** : OCIMUM GRATISSIMUM HERB OIL  
**CAS No** : 91770-38-6  
**EC no** : 294-822-9

### SECTION 4: Physical and chemical properties

**Physical state** : Liquid.  
**Appearance** : Liquid mobile.  
**Colour** : light yellow.  
**Odour** : characteristic.  
**Flash point** : 55 °C  
**Relative density** : 0.885 - 0.915  
**Refractive index** : 1.475 - 1.501  
**Optical rotation** : -8 - 8 °  
**Solubility** : Insoluble in water. Soluble in. alcohol.  
**Composition** : THYMOL; G-TERPINENE; TRANS-B-OCMIMENE; P-CYMENE

### SECTION 5: Handling and storage

**Additional hazards when processed** : Handle empty containers with care because residual vapours are flammable.  
**Precautions for safe handling** : 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. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Do not breathe Fumes, vapours. Avoid breathing Fumes, vapours. Use only outdoors or in a well-ventilated area.  
**Hygiene measures** : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.  
**Technical measures** : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment. Comply with applicable regulations.  
**Storage conditions** : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container tightly closed.  
**Incompatible products** : Strong bases. Strong acids.  
**Incompatible materials** : Sources of ignition. Direct sunlight. Heat sources.  
**Maximum storage period** : 24 months  
**Storage temperature** : <= 18 °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*