



NHR ORGANIC OILS  
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## *Product Specification*

# Organic Thyme Borneol Essential Oil

*(Thymus satureioides)*

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### **IDENTIFICATION**

*Botanical name :* Thymus satureioides Coss.  
*INCI name :* THYMUS SATUREIOIDES OIL  
*Botanical family :* Lamiaceae

### **TECHNICAL PROPERTIES**

*Manufacturing process :* Steam distillation of the flowery aerial parts  
*Quality :* 100% pure and natural  
*Main components :* Borneol (15 to 35%), Alpha-terpineol (3 to 20%), Carvacrol (2 to 15%), Thymol (< 15%), Camphene (5 to 15%), Alpha-pinene (< 10%), Terpinene-4-ol (< 10%), Beta-caryophyllene (2 to 10%), Para-cymene (< 10%)

### **CONDITIONING - STORAGE**

*Conservation :* Keep in tightly closed container in a cool and dry place, protected from light. Stable at usual storage and use conditions.  
*BBD :* Approx 4 years after the production date

### **ORGANOLEPTIC PROPERTIES**

*Texture :* Liquid with crystal formation by lowering the temperature  
*Color :* [Dark yellow ; Orangey]  
*Odor :* Characteristic, strong

### **TECHNICAL DATA**

*Angular rotation at 20°C (°) :* [-20 ; +10]  
*Ethanol solubility :* yes  
*Water solubility :* No  
*Relative density at 20°C :* [0.925 ; 0.950]  
*Refractive index at 20°C :* [1.475 ; 1.495]  
*Flash point (°C) :* [+50 ; +59]

### **REGULAR DATA**

*REACH :* Exempted because importation < 1t / year / legal entity

## **LEGISLATION :**

EINECS : /

C.A.S : /

## **Labeling :**



AH1 Aspiration hazard 1



ATO4 Acute toxicity oral 4



ED11 Serious eye damage / eye irritation 1



EHA1 Hazardous to the aquatic environment, acute hazard 1



EHC1 Hazardous to the aquatic environment, long-term hazard 1



FL3 Flammable Liquids 3



REP2 Reproductive toxicity 2



SC11B Skin corrosion / irritation 1B



SS1 Sensitisation skin 1

H226 - Flammable liquid and vapour.

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H361 - Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of water/...

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container according to applicable legislations