



## Product Specification

**Product Name:** Sunflower Oil organic  
**Item Number:** 6630  
**Product category:** 100% pure carrier oil

### 1. IDENTIFICATION:

**Trade Name:** Sunflower Oil organic  
**Botanical Name:** Helianthus annuus  
**INCI:** Helianthus annuus Seed Oil  
**Cultivation:** c.org  
**Part of Plant:** Kernels  
**Origin:** France

**CAS TSCA-No:** /  
**CAS EINECS-No:** 8001-21-6  
**EINECS-No:** 232-273-9  
**FEMA-No:** /

Production method: Cold pressing of the kernels

Certification: EG-Organic

### 2. TECHNICAL DATA

#### 2.1 Physical and chemical properties

**Color:** yellow  
**Appearance:** oily liquid  
**Odor:** characteristic  
**pH-value:** no data available  
**Flash point:** > 300°C  
**Water solubility:** Insoluble  
**Steam pressure:** Unavailable  
**Relative density at 20 °C:** 0,9 - 0,925  
**Refractive index at 20°C:** 1,473 - 1,476  
**Optical rotation at 20°C:** 0° to + 0,5°

Microbiological requirements: none – product is microbiologically of low risk.



## 2.2 Fatty acid composition:

C12:00 Lauric acid	< 0,1 %
C14:00 Myristic acid	< 0,3 %
C16:00 Palmitic acid	5 - 8 %
C16:01 Palmitoleic acid	< 3 %
C18:00 Stearic acid	3 - 6,5 %
C18:01 Oleic acid	14 - 39 %
C18:02 Linoleic acid	48 - 74 %
C18:03 Linolenic acid	< 3 %
C20:00 Arachidic acid	< 0,5 %
C20:01 Gadoleic acid	< 0,2 %
C22:00 Behenic acid	< 1,5 %

## 3. STABILITY AND STORAGE

**Shelf life (month):** 24

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

## 4. FOOD SUITABILITY

This product is basically suitable for the use in food.

The data is based on our current knowledge.

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