



## Product Specification

**Product Name:** Castor oil organic  
**Item Number:** 6639  
**Product category:** 100% pure carrier oil

### 1. IDENTIFICATION:

**Trade Name:** Castor oil organic  
**Botanical Name:** Ricinus communis  
**INCI:** Ricinus communis Seed Oil  
**Cultivation:** c.org  
**Part of Plant:** Seeds  
**Origin:** India

**CAS TSCA-No:** /  
**CAS EINECS-No:** 8001-79-4  
**EINECS-No:** 232-293-8  
**FEMA-No:** /

Production method: Cold pressing of the seeds

Certification: Org. Raw Mat.

### 2. TECHNICAL DATA

#### 2.1 Physical and chemical properties

**Color:** colorless to light yellow or greenish  
**Appearance:** oily liquid  
**Odor:** characteristic  
**pH-value:** 5  
**Flash point:** > 130°C  
**Water solubility:** Insoluble  
**Steam pressure:** Unavailable  
**Relative density at 20 °C:** 0,957 - 0,97  
**Refractive index at 20°C:** 1,474 - 1,479  
**Optical rotation at 20°C:** + 3° to + 5°

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



## 2.2 Fatty acid composition:

C16:00 Palmitic acid	< 2,5 %
C18:00 Stearic acid	< 2,5 %
C18:01 Oleic acid	2,5 - 6 %
C18:02 Linoleic acid	2,5 - 7 %
C18:03 Linolenic acid	< 1 %
C18:1 Hydroxy- Ricinoleic acid	85 - 92 %
C20:01 Eicosenoic acid	< 1 %

## 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 not suitable for the use in food.

The data is based on our current knowledge.

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