

## SPECIFICATION SHEET

**VERSION** 2,00      **VERSION DATE** 02/03/12      **PRINT DATE** 02/08/21

**PRODUCT** CASTOR OIL  
**APPLICATIONS** Raw material for industrial use intended for the manufacture of cosmetics.  
**IUPAC NAME** CASTOR OIL  
**PLANT OF ORIGIN** Ricinus communis  
**PART OF THE PLANT** SEEDS  
**SYNONYMS**

**CAS** 8001-79-4  
**CAS 2** -  
**EINECS** 232-293-8  
**EINECS 2** -  
**FEMA** 2263  
**TARIFF NUMBER** 1515909999

**REACH REGISTRATION NO.** Exempt from registration (according to Annex V to REACH)

### SPECIFICATIONS

**ASPECT AT 20°C** VISCOUS CLEAR LIQUID  
**COLOUR** COLORLESS TO PALE YELLOW  
**ODOUR** NEARLY ODORLESS  
**TASTE**

**DENSITY A 20°C (g / ml)** 0,950 - 0,970  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,4700 - 1,4900  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** > 313°C  
**MELTING POINT (°C)**  
**FLASH POINT (°C)** 229,00  
**ASSAY (% GC)** RICINOLEIC ACID 82-95%; LINOLEIC ACID 2-6%  
**ACID VALUE (mg KOH/g)** < 2  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** MOISTURE < 0,375% - UNSAPONIFIABLE MATTER < 2% - SAPONIFICATION NUMBER: 175-187 mg KOH/g - IODINE VALUE: 80-90 g I2/100g - MAJOR FATTY ACID: PALMITIC: 1-3% - STEARIC: 1-3% - OLEIC: 2-8% - RICINOLEIC:

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.