

SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 02/03/12 **PRINT DATE** 22/10/21

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.