

SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 19/09/22 **PRINT DATE** 17/06/24

PRODUCT	CASTOR OIL
APPLICATIONS	Industrial raw material not intended for direct use.
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 AT 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 MAJOR FATTY ACID: PALMITIC: 1-3% - STEARIC: 1-3% - OLEIC: 2-8% - RICINOLEIC: 82-95% - LINOLEIC: 2-6%

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.