

MATERIAL SPECIFICATION

SPECIFICATION SHEET	
Product Name:	Castor oil (organic) - Castor olie (biologisch)
Product INCI:	Ricinus Communis Seed
Product Code:	SQ0670109 - OBW067
CAS Number:	8001-79-4
EINECS Number:	232-293-8
Manufacturing Method:	Cold Pressed
Shelf life:	12 months
Documentation Reviewed:	May 2018

Analytical Details	Range %
Appearance	Viscous Oily Liquid
Odour	Characteristic
Colour	Clear - Pale Yellow
Specific Gravity @ 20°C	0.954 - 0.980
Refractive Index @ 20°C	1.470 - 1.481
Peroxide Value (MEQ O ₂ /KG)	< 20.0
Iodine Value (G/100G)	82.0 - 90.0
Acid Value	<5.0
Saponification Value (MG KOH/Gr)	176.0 - 187.0
Hydroxyl Value (MGKOH/G)	>150.0

Fatty Acid Profile		Range %
C-Chain	Acid Name	
C16:0	Palmitic	< 2.0
C18:0	Stearic	< 2.5
C18:1	Oleic	2.0 - 6.0
C18:1	Ricinoleic	85.0 - 95.0
C18:2	Linoleic	1.0 - 7.0
C18:3	Linolenic	<1.0

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air. Shelf life must be considered as subjective; the shelf life given here is based on the best of our knowledge and experience of the material when stored under recommended conditions, see SDS, in original unopened containers. Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the products in any way.