



## CASTOR OIL REFINED

### Identification

Product name:	Castor Oil Refined
INCI name:	Ricinus Communis Seed Oil,
CAS number:	8001-79-4
EC number:	232-293-8
REACH number:	Exempt
Applications:	Cosmetic use

### Product specifications

Parameter	Specification			Criteria ref./Method
Organoleptic parameters				
Appearance	Clear oily liquid			Internal criteria
Odour	Characteristic			Internal criteria
Color	Characteristic			Internal criteria
Stability parameters				
	min	max		
Acid value / acidity index	0,00	3,00	mg KOH/g	Internal criteria
Fatty acid profile				
C16:0 Palmitic acid	1,0	3,0	%	Internal criteria
C18:0 Stearic acid	1,0	3,0	%	Internal criteria
C18:1 Oleic acid	2,0	8,0	%	Internal criteria
C18:2 Linoleic acid	2,0	6,0	%	Internal criteria
C18:OH Ricinoleic acid	80,0	95,0	%	Internal criteria
Other parameters*				
Iodine value	80	90	g I2/100g	Internal criteria
Saponification value	175	187	mg KOH/g	Internal criteria
Refractive index (20°C)	1,476	1,485	-	Internal criteria

\*These parameters are tested on a random batch.

### Packaging and storage information

Standard packaging IBC, drums and pails

Store in a cold and dry place, avoid direct light and heat. When taking material, fill the packaging with nitrogen to avoid oxidation.



## Best Before statement

Best before: 12-24 months (Packed in IBCs, drums and pails)

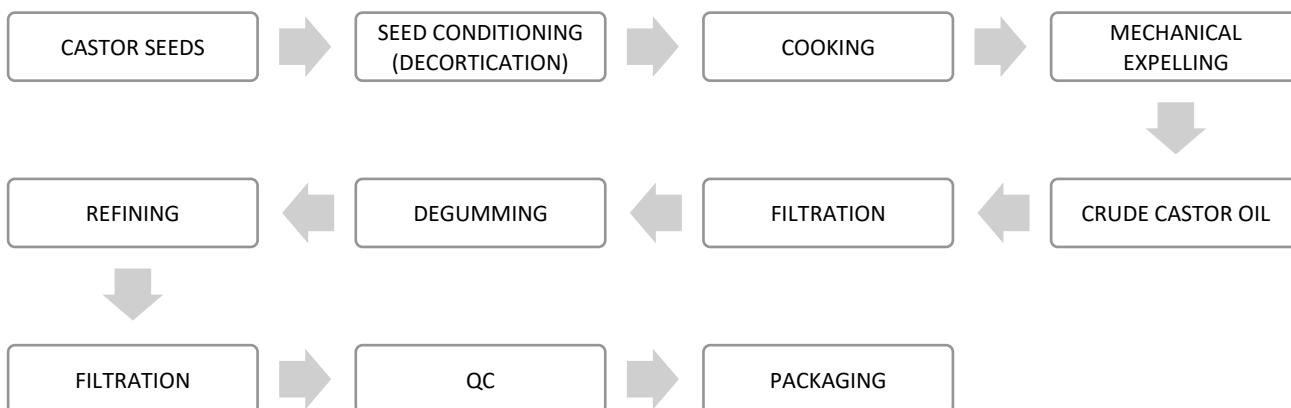
The specified shelf life can only be guaranteed for this product if the above-mentioned recommended storage conditions are respected. See SDS for further storage & transport recommendations.

## Technical data

Castor oil is obtained from the fruit seed of castor (*Ricinus communis L.*) that grows mainly in India and Brazil.

It is one of the oils with the highest content of unsaturated fatty acids, ricinoleic (>80%) and oleic and linoleic fatty acids. Due to his fatty acid profile is moisturizing and has anti-inflammatory properties. It also has antibacterial and antimicrobial properties. It has a good skin penetration and protects the skin from external factors and a great emollient used in cosmetic industry in lip care and soap.

## Manufacturing flow chart



Organic / Halal / Kosher products available upon request.