

Product Datasheet

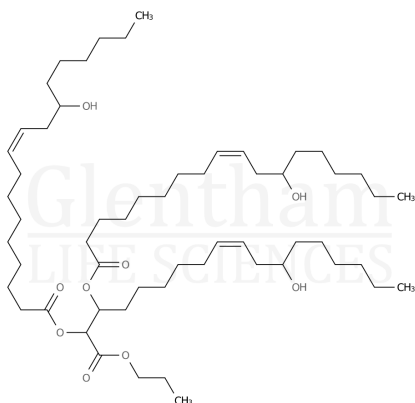
GL4383 - Castor oil, EP grade

Product Details

Product Name	Castor oil, EP grade
Glenthams Code	GL4383
CAS Number	8001-79-4
EINECS	232-293-8
Numéro MDL	MFCD00130746
Related Categories	Phytochemicals, Cosmetic Raw Materials

Structure

Molecular Weight : -
Molecular Formula : -



Physical Description	: Clear, almost colourless or slightly yellow viscous liquid
Solubility	: Slightly soluble in light petroleum, miscible with ethanol (96 per cent) and with acetic acid
Identification	: A, B, C, D
Specific Optical Rotation	: +3.5 - +6.0 °
Acid Value	: ≤ 2.0
Hydroxyl Value	: ≥ 150mgKOH/g
Peroxide Value	: ≤ 10.0meqO ₂ /kg
Unsaponifiable Matter	: ≤ 0.8%
Specific Absorbance	: ≤ 1.0
Composition of fatty acids	: To conform to test
Water	: ≤ 0.3%
Pharmacopoeia Specification(s)	: EP (Castor Oil, Virgin)
Version	: v1.0

About Castor oil, EP grade

Castor oil is a triglyceride extracted from the beans of *Ricinus communis*. It is widely used as a food additive, mould inhibitor and laxative, while its derivatives are used in the production of lubricant, paints and cosmetics. Castor oil is also a material of interest for the biodiesel industry.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

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