

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> <b>HUILE DE RICIN CODEX</b>	Décembre 2019 / <i>December 2019</i>
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INCI: **Ricinus communis seed oil**  
N° CAS: 8001-79-4  
N°EINECS/ELINCS: 232-393-8

**DESCRIPTION / DESCRIPTION :**

Huile obtenue après trituration de la plante (*Ricinus communis*) / *Oil obtained after crushing of the plant Ricinus communis*

Qualité vierge conforme à la pharmacopée européenne en vigueur / *quality virgin compliant to the current european pharmacopia*

**CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :**

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
aspect	Liquid jaune clair / yellow liquid	-
Indice d'acide / <i>Acid value</i>	≤ 1.5 mg KOH/ g	AOCS Cd 3d - 63
Refractive index à 20°C / <i>refractive index at 20°C</i>	1.477 – 1.481	AOCS Cc 7-25
Humidité volatile / <i>Moisture and volatile matter</i>	≤ 0.30 %	AOCS Ca 2c - 25
Indice d'hydroxyle / <i>Hydroxyl value</i>	≥ 160 mg KOH/ g	BY GC
Densité / <i>density at 20°C</i>	0.954 – 0.969	AOCS Cc 10c-95
Rotation optique / <i>optical rotation</i>	+3.5 / +6°	BP:2000
Indice de peroxyde / <i>peroxide value</i>	≤ 10 meq/kg	AOCS Cd 8b-90
Absorbance à 270 nm / <i>light absorption at 270 nm</i>	≤ 0.7 %	BP:2000
Teneur en acide ricinoléique / <i>Acid ricinoleic content</i>	≥ 85 %	ISO 5508/12966 - 2

**Ces éléments seront repris sur nos BA / these elements will be on our CoA**

**CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :**

Insoluble dans l'eau / *Insoluble in water*

Point d'ébullition / *Boiling point* ~ 313°C

Acide palmitique ≤ 2% / acide stéarique ≤ 2.5% / acide oléique : 2.5-6% / acide linoléique : 2.5-7% / acide eicosénoïque ≤ 1%

Cette huile ne contient pas de ricin et de protéine résiduelle / *this oil is free from Ricin and residual proteins*

**APPLICATIONS :**

Ingrédients dans la fabrication des dérivés d'huile / *Ingredient in the manufacture of castor-based derivatives .*

Applications médicales et lubrifiants / *Medical applications and lubricants*

**CONDITIONNEMENT STANDARD / STANDARD PACKAGING :**

Tonnelet de 25/50 kg, fût de 200 kg, IBC 900 kg / *25/50 kg Keg, drum of 200kg, IBC 900kg*

Matière première non classifiée comme substance dangereuse (voir fiche de données de sécurité) / *Raw material not classified as dangerous substance (see safety data sheet)*

<b>Additives</b>	Doesn't contain additives
<b>Allergen</b>	This product is free from allergens

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<b>Animal Testing</b>	This product has not been tested on animals
<b>BSE - Bovine Spongiform Encephalopathy</b>	This product is free from BSE
<b>California Prop 65</b>	This product (CAS: 8001-79-4) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	Doesn't contain CMR
<b>Composition</b>	100% castor oil
<b>Cosmetic</b>	This product doesn't contain cosmetics allergen (7th amendment, directive 2003/15/CE)
<b>Cosmos / Ecocert</b>	This product is Cosmos approved, see our attestation in website <a href="http://www.interchimie.fr">www.interchimie.fr</a>
<b>Danger</b>	This product is not classified as dangerous in accordance with CLP and exempted from transport classification and labelling with ADR
<b>Dioxane</b>	<i>No data available</i>
<b>Ecolabel</b>	<i>No data available</i>
<b>European Pharmacopeia</b>	This product complies with the European Pharmacopoeia
<b>Food</b>	This product doesn't contain food allergen (directive 2003/89/CE) Can be used as per food contact regulation and law
<b>Genetically Modified Organisms (GMO)</b>	This product is free from GMO
<b>Inventories</b>	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
<b>Geographic origin (for plant)</b>	India
<b>Glycol ether</b>	<i>No data available</i>
<b>Halal</b>	This product is halal certified
<b>Heavy Metals</b>	<i>No data available</i>
<b>HS code</b>	15153090
<b>Irradiation / ionization</b>	There is no ionisation step
<b>Kosher</b>	This product is kosher certified
<b>Latex</b>	<i>No data available</i>
<b>Manufacturing location</b>	India
<b>Microbiological data</b>	<i>No data available</i>
<b>Nanomaterials</b>	<i>No data available</i>
<b>Nutritional data</b>	<i>No data available</i>
<b>Origin</b>	100% vegetable (castor seeds which are naturally occurring agricultural crop)
<b>Pesticide</b>	<i>No data available</i>
<b>Phthalate</b>	<i>No data available</i>
<b>Preservative</b>	This product doesn't contain preservatives
<b>Process</b>	Castor seed → cold press → filtration process → virgin castor oil
<b>REACH</b>	Exempted from REACH as per the annex IV of the REACH directive
<b>Residual Solvents</b>	This product doesn't contain residual solvents (note CPMP/ICH/283/95)
<b>RSPO</b>	Doesn't contain palm – not concerned
<b>Shelf Life</b>	2 years
<b>Substances of Very High Concern (SVHC)</b>	This product is free from SVHC
<b>Volatiles organic compounds (VOC)</b>	This product doesn't contain VOC

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*