

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> HUILE DE RICIN CODEX	Octobre 2024 / <i>October 2024</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*
Produit Vegan

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 950 kg / *25/50 kg Keg, drum of 200kg, IBC 950kg*

Additives	Doesn't contain additives
Allergen	Doesn't contain neither food allergens (1169/2011) nor cosmetic allergens (regulation 1223/2009 & 2023/1545)

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Animal Testing	This product has not been tested on animals
BSE - Bovine Spongiform Encephalopathy	This product is free from BSE
California Prop 65	This product (CAS: 8001-79-4) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain CMR directive 1272/2008/CE & 2023/1490)
Composition	100% castor oil
Cosmetic	Complying with cosmetic regulation 1223/2009 and its amendments
Cosmos / Ecocert	This product is Cosmos approved, see our attestation in website www.interchimie.fr
Danger	This product is not classified as dangerous in accordance with CLP and exempted from transport classification and labelling with ADR
Dioxane	Doesn't contain dioxane
Ecolabel	No data available
European Pharmacopeia	This product complies with the European Pharmacopoeia
Food	Can be used as food additive and flavoring agent
Genetically Modified Organisms (GMO)	This product is free from GMO
Inventories	No data available
Geographic origin (for plant)	India
Glycol ether	No data available
Halal	This product is halal certified
Heavy Metals	Doesn't contain heavy metals
HS code	15153090
Irradiation / ionization	There is no ionisation step
Kosher	This product is kosher certified
Latex	No data available
Manufacturing location	India
Microbiological data	No data available
Nanomaterials	No data available
Nutritional data	No data available
Origin	100% vegetable (castor seeds which are naturally occurring agricultural crop)
Pesticide	No data available
Phthalate	No data available
Preservative	This product doesn't contain preservatives (1223/2009 & 2033/15)
Process	Castor seed → cold press → filtration process → virgin castor oil
REACH	Exempted from REACH as per the annex IV of the REACH directive
Residual Solvents	This product doesn't contain residual solvents (note CPMP/ICH/283/95)
RSPO	Doesn't contain palm – not concerned
Shelf Life	2 years
Substances of Very High Concern (SVHC)	This product is free from SVHC
Volatiles organic compounds (VOC)	This product doesn't contain VOC (directive 2010/79/ce)

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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.*