



Dossier technique et réglementaire / *Technical and regulatory document*

Décembre 2019 / *December 2019*

HUILE DE RICIN CODEX



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)*


Additives	Doesn't contain additives
Allergen	This product is free from allergens



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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
Composition	100% castor oil
Cosmetic	This product doesn't contain cosmetics allergen (7th amendment, directive 2003/15/CE)
Cosmos / Ecocert	This product is Cosmos approved
Danger	This product is not classified as dangerous in accordance with CLP and exempted from transport classification and labelling with ADR
Dioxane	<i>No data available</i>
Ecolabel	<i>No data available</i>
European Pharmacopeia	This product complies with the European Pharmacopoeia
Food	This product doesn't contain food allergen (directive 2003/89/CE) Can be used as per food contact regulation and law
Genetically Modified Organisms (GMO)	This product is free from GMO
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	India
Glycol ether	<i>No data available</i>
Halal	This product is halal certified
Heavy Metals	<i>No data available</i>
HS code	15153090
Irradiation / ionization	There is no ionisation step
Kosher	This product is kosher certified
Latex	<i>No data available</i>
Manufacturing location	India
Microbiological data	<i>No data available</i>
Nanomaterials	<i>No data available</i>
Nutritional data	<i>No data available</i>
Origin	100% vegetable (castor seeds which are naturally occurring agricultural crop)
Pesticide	<i>No data available</i>
Phthalate	<i>No data available</i>
Preservative	This product doesn't contain preservatives
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

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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.*