



Dossier technique et réglementaire / *technical and regularoty document*

Octobre 2023 /  
*October 2023*

**HUILE DE RICIN HYDROGENEE ETHOXYLEE**



INCI: **PEG 40 Hydrogenated Castor Oil**

N°CAS: 61788-85-0

N°EINECS/ELINCS: Polymer

**DESCRIPTION / DESCRIPTION:**

Huile de ricin hydrogénée éthoxylée à 40 moles EO / *Hydrogenated castor oil ethoxylated at 40 moles EO*

Produit d'origine végétale / *Product from vegetable origin*

**CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:**

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Aspect / <i>Aspect</i>	Pâte jaune / <i>Yellow paste</i>	Visuel / <i>Visual</i>
Indice d'acide / <i>Acid value</i>	≤ 2 mg KOH/g	-
Indice de saponification / <i>Saponification value</i>	45 – 65 mg KOH/g	DGF C – V 3
pH (1%)	6 – 7	DGF H-III 1
Teneur en eau / <i>Water content</i>	≤ 2 %	DGF C-III 13a
Ethylène oxyde libre / <i>Free oxide ethylene</i>	≤ 1 ppm	Headspace GC

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

Densité à 60°C / *Density at 60°C*: 1.014 – 1.022 g/cm<sup>3</sup>

Entièrement miscible dans l'eau / *Entirely miscible in water*

**APPLICATIONS :**

Solubilisant, émulsifiant pour préparations cosmétiques / *Solubilizer, emulsifier for cosmetic preparations*

<b>Additives</b>	<i>No data available</i>
<b>Allergen</b>	Doesn't contain cosmetic allergen (7th amendment, directive 2003/15/CE and 1223 / 2009), and food allergen (directive 2003/89/CE)
<b>Animal Testing</b>	Has not been tested on animals
<b>BSE - Bovine Spongiform Encephalopathy</b>	No risk of BSE
<b>California Prop 65</b>	This product (CAS:61788-85-0) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	Doesn't contain CMR (annex I, directive 67/548/CE)
<b>Composition</b>	<i>No data available</i>



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<b>Cosmetic</b>	Complies with Cosmetic regulation 1223/2009
<b>Cosmos / Ecocert</b>	This product contain chemical derivates – Not accepted by Cosmos
<b>Danger</b>	This product is not classified as dangerous in accordance with CLP and ADR
<b>Dioxane</b>	This product contains dioxan ( $\leq 5$ ppm)
<b>Ecolabel</b>	<i>No data available</i>
<b>European Pharmacopeia</b>	This product complies with the current European Pharmacopoeia
<b>Food</b>	Is a food grade product and doesn't contain food allergen (directive 2003/ 89/CE)
<b>Genetically Modified Organisms (GMO)</b>	Doesn't contain GMO (< 0.1%, decree n° 2012-128 of 30/01/2012)
<b>Inventories</b>	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Japan ENCS, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
<b>Geographic origin (for plant)</b>	<i>No data available</i>
<b>Glycol ether</b>	Doesn't contain glycol ether
<b>Halal</b>	<i>No data available</i>
<b>Heavy Metals</b>	Doesn't contain heavy metals ( $\Sigma$ Pb < 10 ppm)
<b>HS code</b>	34021300
<b>Irradiation / ionization</b>	No ionisation step
<b>Kosher</b>	<i>No data available</i>
<b>Latex</b>	<i>No data available</i>
<b>Manufacturing location</b>	Germany
<b>Microbiological data</b>	<i>No data available</i>
<b>Nanomaterials</b>	Doesn't contain nanomaterial (commission recommendation 2011/696 and regulation 1223/ 2009)
<b>Nutritional data</b>	<i>No data available</i>
<b>Origin</b>	20% vegetable (castor plant) and 80% chemical
<b>Pesticide</b>	Doesn't contain pesticides
<b>Phthalate</b>	Doesn't contain phthalate
<b>Preservative</b>	Doesn't contain preservative ( cosmetic directive 76/768/CEE and 2003/15/CE)
<b>Process</b>	Ethoxylation of triglyceride
<b>REACH</b>	This product is a polymer and therefore exempted from REACH regulation
<b>Residual Solvents</b>	Doesn't contain residual solvents (note CPMP/ICH/283/95)
<b>RSPO</b>	This product doesn't contain palm – not concerned
<b>Shelf Life</b>	24 months
<b>Substances of Very High Concern (SVHC)</b>	Doesn't contain SVHC
<b>Volatiles organic compounds (VOC)</b>	Doesn't contain VOC according to Directive 2004/42/EC

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