

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> HUILE DE RICIN ETHOXYLEE PEG 40	Novembre 2025 / <i>November 2025</i>
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INCI: **PEG 40 castor oil**
N°CAS: 61791-12-6
N°EINECS/ELINCS: –

DESCRIPTION / *DESCRIPTION* :

Huile de ricin éthoxylée à 40 moles EO / *Castor oil ethoxylated to 40 moles EO*

CARACTERISTIQUES GARANTIES / *GUARANTEED SPECIFICATIONS* :

CARACTERISTIQUES	SPECIFICATIONS
Couleur (Gardner or iodine scale)	≤ 10
Teneur en eau / <i>Water content</i>	≤ 1 %
Indice de saponification / <i>Saponification value</i>	55 – 67 mg KOH/g
pH (1 ou 5% aqueous solution)	5.5 – 8.0

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

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

Ce produit est adapté aux végétaliens / *This product is suitable for vegans*

Poids moléculaire / *Molecular weight* = approx. 2650

Soluble dans l'eau / *soluble in water*

Natural Indice (ISO 16128) :

natural : 0 natural origin : 0

APPLICATIONS :

Emulsifiant pour diverses applications / *Emulsifier for various applications*

Dispersing agent, cleansing agent

CONDITIONNEMENT STANDARD / *STANDARD PACKAGING* :

IBC de 1000kg, fût plastique de 200 kg, tonnelet de 25 ou 50 kg / *1000kg IBC, 200 kg plastic drum, 25 or 50 kg keg*

Le tensioactif se présente sous forme de pâte ou de pâte semi-liquide. Après avoir chauffé le produit à environ 50 ° C, le produit se liquéfie.

Additives	This product doesn't contain additives	
Allergen	This product doesn't contain food allergen (regulation EU No1169/2011 annex II) and cosmetic allergen (regulation 1223/2009 & 2023/1545)	
Animal Testing	This product has not been tested on animals	
BSE - Bovine Spongiform Encephalopathy	No risk of BSE	
California Prop 65	This product (CAS: 61791-12-6) is not listed	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Contains Ethylene Oxide < 1 ppm	1.4 Dioxane < 100 ppm Formaldehyde < 20ppm
Composition	100 % INCI: PEG-40 Huile de ricin Castor oil, ethoxylated > 99 % + impurity Water max 1.0 %	
Cosmetic	Complying with 1223/2009 1.4 dioxane max 100 ppm	

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Cosmos / Ecocert	<i>No data available</i>	
Danger	This product is not classified as dangerous according to CLP and ADR	
Dioxane	This product contains dioxane as a by-product : 1.4 dioxane < 100ppm	
Ecolabel	<i>No data available</i>	
European Pharmacopeia	This product doesn't comply with the current European Pharmacopoeia	
Food	This product is not a food grade product	
Genetically Modified Organisms (GMO)	Doesn't contain GMO	
Inventories	Listed in China IECSC, USA TSCA, New Zealand NZIoC,	Taiwan TCSI, Philippines PICCS, Australia AIIC, Canada DSL
Geographic origin (for plant)	<i>No data available</i>	
Glycol ether	<i>No data available</i>	
Halal	This product is not Halal certified	
Heavy Metals	This product contains heavy metals (total ≤ 20 ppm)	
HS code	34024200	
Irradiation / ionization	There is no ionization / irradiation during the manufacturing process	
Kosher	This product could be certified	
Latex	This product doesn't contain latex	
Manufacturing location	Europe or India	
Microbiological data	The product has very high content of active substance that's why is not microbiologically sensitive.	
Microplastics	Not expected (2023/2055)	
Nanomaterials	This product doesn't contain nanomaterials (commission recommendation, 2011/696 and cosmetic regulation 1223/2009)	
Nitrosamines	<i>No data available</i>	
Nutritional data	Not concerned	
Origin	Vegetable (castor oil) and chemical	
PAH/PFAS	Not expected	
Pesticide	This product doesn't contain pesticides	
Phthalate	This product doesn't contain phthalates	
Preservative	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)	
Process	Manufactured via one step reaction of ethoxylation of castor oil with ethylene oxide 40 moles in the presence of catalyst.	
REACH	This product is a polymer – exempted from registration REACH	
Residual Solvents	This product contains 1.4 Dioxane < 100ppm	
RSPO	This product doesn't contain palm oil or palm kernel oil – not concerned	
Shelf Life before re-check	2 years	
Substances of Very High Concern (SVHC)	Doesn't contain SVHC but contain Contains Ethylene Oxide < 1 ppm, 1.4 Dioxane < 100 ppm, Formaldehyde < 20ppm	
Volatiles organic compounds (VOC)	Contains Ethylene Oxide < 1 ppm, 1.4 Dioxane < 100 ppm, Formaldehyde < 20ppm	

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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.*