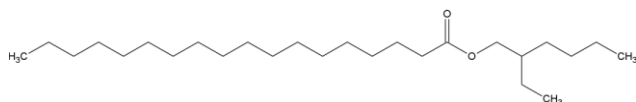


	Dossier technique et réglementaire / <i>technical and regularoty document</i> STEARATE D'OCTYLE STEARATE D'OCTYLE-RSPO-MB	Janvier 2026 / <i>January 2026</i>
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Ce document est utilisable pour nos 2 références : grade conventionnel et grade RSPO-MB. Veuillez à inclure la mention « RSPO-MB » dans votre commande si vous souhaitez cette qualité.

This document is usable for our 2 references: conventional grade and RSPO-MB grade. Be careful to mention "RSPO-MB" in your order if you want this grade.



INCI : **Ethylhexyl Stearate**
N° CAS : 91031-48-0 ; 22047-49-0
N° EINECS/ELINCS: 292-951-5 ; 244-754-0

DESCRIPTION / DESCRIPTION :

Liquide huileux incolore à légèrement jaune / *Oily liquid colorless to slightly yellow*
Acide gras en C₁₆₋₁₈, esters d'éthyl-2 hexyl / *C16-18 fatty acid, 2-ethylhexyl esters*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS
Indice d'acide / <i>Acid value</i>	≤ 1mg KOH / g
Indice d'iode / <i>Iodine value</i>	≤ 1 g I ₂ / 100g
Indice d'hydroxyle / <i>hydroxyle value</i>	≤ 1.0 mg KOH/g
Indice de saponification / <i>saponification value</i>	144-156 mg KOH/g
Couleur APHA / <i>colour APHA</i>	≤ 100

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Apparence à 20°C / *Appearance at 20°C*: Liquide huileux blanc à jaune *pale* / *White to light yellow oily liquid*
Insoluble dans l'eau, soluble dans la plupart des solvants organiques / *Insoluble in water, soluble in most organic solvents*

ISO 16128

NI = 0

NOI = 0.66

APPLICATIONS:

Soins personnels, maquillage des yeux et de la peau, rouge à lèvres et produits de soin de la peau, en tant que composant d'huile pour émulsions / *Personal care, eye and skin makeup, lipstick and skin care products, as oil component for emulsions*

Huiles de bain, en tant que solvant pour substances actives / *Baths oils, as solvent for active substances*

Les esters de stéarate agissent principalement comme lubrifiants sur la surface de la peau, ce qui donne à la peau une apparence douce et lisse / *Stearate esters act primarily as lubricants on the skin's surface, which gives the skin a soft and smooth appearance*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Container de 850 kg – Fut de 180 kg – Tonnelet de 25/50 kg / *Container of 850 kg - Fut of 180 kg - Keg of 25/50 kg*

Matière première non classifiée comme dangereuse / *Raw material not classified as dangerous*

Eviter le stockage à proximité des flammes et des étincelles / *Avoid storage near flames and sparks*

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Additives	Doesn't contain any additive	
Allergen	This product doesn't contain cosmetics allergens 1223/2009 and 2023/1545.	
Animal Testing	Has not been subject of animal testing or retesting for cosmetic purposes	
BSE - Bovine Spongiform Encephalopathy	This product is free of BSE	
California Prop 65	This product (CAS: 22047-49-0) is not listed	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain CMR as defined in European Regulation 1272/2008/EC and its subsequent modifications	
Composition	100% INCI : ETHYLHEXYL STEARATE	
Cosmetic	The product is intended to be used in cosmetic preparations refer 1223/2009	
Cosmos / Ecocert	This product contains petrochemical derivatives – Not accepted by cosmos	
Danger	The product is not classified as dangerous according to the CLP regulation (EC) No 1272/2008 and not applicable to the ADR	
Dioxane	<i>No data available</i>	
Ecolabel	<i>No data available</i>	
European Pharmacopeia	<i>No data available</i>	
Food	Is not a food grade – not concerned	
Genetically Modified Organisms (GMO)	Doesn't contain GMO	
Inventories	Listed on ENCS (Japan) IECSC (China) NZIoC (New Zealand)	PICCS (Philippines) AIIC (Australian). KECL (Korea)
Geographic origin (for plant)	<i>No data available</i>	
Glycol ether	<i>No data available</i>	
Halal	<i>No data available</i>	
Heavy Metals	There is no potential for heavy metals to be present in detectable concentration. Therefore, we do not analyze it. Total Heavy metal : ≤ 10 ppm	
HS code	29157050	
Irradiation / ionization	Has not been irradiated during and after its manufacture	
Kosher	<i>No data available</i>	
Latex	<i>No data available</i>	
Manufacturing location	<i>No data available</i>	
Microbiological data	Not expect any microbiological activity in the product, the low activity of water in final product makes the medium unfavorable for microbiological development	
Microplastics	Not expected	
Nanomaterials	This product is free of nanoparticles or materials produced via nanotechnology as defined under Cosmetic Regulation n°1223/2009 and French regulation (decree n°2012-232)	
Nitrosamine	<i>No data available</i>	

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Nutritional data	<i>No data available</i>
Origin	Vegetable (stearic acid) and petrochemical (2-ethylhexanol)
PAH/PFAS	PFAS are not expected
Pesticide	unlikely to be present. Therefore we don't analyze them.
Phthalate	unlikely to be present. Therefore we don't analyze them.
Preservative	It does not contain any preservatives
Process	 <pre> graph LR A[2-Ethylhexanol] --> D[Mixing] B[C16-18 fatty acids] --> D D --> E[Esterification] E --> F[Post treatment] F --> G[Packing] </pre>
REACH	Registered 01-2119538152-47
Residual Solvents	For the production the product, class 1, 2 or 3 solvents, are not added or used. 2-Ethylhexanol is used as starting material for the esterification process. The amount of 2-Ethylhexanol is limited by the production process to max. 0.1%, which is a technically unavoidable concentration.
RSPO	This product contains palm or palm oil kernel derivate. Our reference "STEARATE D'OCTYLE" is not RSPO certified If you want RSPO certified grade, you must order "STEARATE D'OCTYLE-RSPO-MB"
Shelf Life	2 years
Substances of Very High Concern (SVHC)	as SVHC substances are not intentionally added, nor generated by process of production, we don't expect that our products (and related packaging) contain Substances of Very High Concern (SVHC) in a concentration above 0,1% (w/w). Therefore we don't analyze them.
Volatiles organic compounds (VOC)	It is not a VOC based on the Solvents Directive (Dir. 2010/75/EU)

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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.*