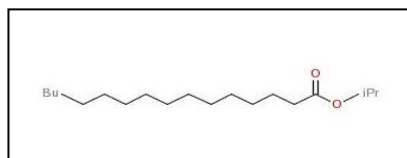


	Dossier technique et réglementaire / <i>Technical and regulatory document</i> PALMITATE D'ISOPROPYLE PALMITATE D'ISOPROPYLE-RSPO-MB	Novembre 2025 / November 2025
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Ce document est utilisable pour nos 2 références : grade conventionnel et grade RSPO-MB. 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: **Isopropyl palmitate**
N°CAS: 142-91-6
N°EINECS/ELINCS: 205-571-1

DESCRIPTION / DESCRIPTION :

Ester de l'alcool isopropylique et de l'acide palmitique / *Ester of isopropyl alcohol and palmitic acid*
Matière première conforme à la Pharmacopée Européenne en vigueur / *Raw material according to the European Pharmacopoeia in force*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	1.436 – 1.440
Indice d'acide / <i>Acid value</i>	≤ 0.5 mg KOH /g
Indice de saponification / <i>Saponification value</i>	183 – 193 mg KOH /g
Indice d'iode / <i>Iodine value</i>	≤ 1 g I ₂ / 100g
Teneur en eau / <i>Water content</i>	≤ 0.10 %
Viscosité à 20°C / <i>Viscosity at 20°C</i>	5 – 10 mPa.s

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :

Densité à 20°C / *Density at 20°C*: 0.850-0.855

C 16 : ≥ 98 %

Ce produit est végétalien / *This product is suitable for vegan*

Iso 16128

Natural origin index : 0.80

APPLICATIONS :

Préparations cosmétiques / *Cosmetic preparations (emollient, skin conditioning, solvent)*


CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Tonnelet de 25/50 kg – Fût de 175 kg – IBC de 850kg/ 25/50kg keg – 175kg drum – 850kg IBC

A conserver à une température comprise entre 15 et 25°C. A conserver dans l'emballage d'origine à l'abri de la lumière du soleil, de l'humidité et des températures extrêmes / *Store at a temperature between 15 and 25°C.*


Keep closed in original packaging away from sunlight, moisture and extreme temperatures.

Additives	not intentionally added
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Allergen	The cosmetics allergens (1223/2009 & 2023/1545) are not expected	
Animal Testing	This product has not been tested on animals	
BSE - Bovine Spongiform Encephalopathy	This product is derived from vegetable and petrochemical raw materials and does therefore not represent a source for BSE/TSE pathogens	
California Prop 65	Substances listed in California Proposition 65 are not used as ingredients	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Substances classified as CMR are not expected	
Composition	INCI : 100% isopropyl palmitate	
Cosmetic	This product complies with 1223/2009, and its amendment	
Cosmos / Ecocert	Due to isopropanol, this product is not accepted in Cosmos Standards	
Danger	This product is not classified as dangerous in accordance with CLP and ADR	
Dioxane	No data available	
Ecolabel	No data available	
European Pharmacopeia	This product is guaranteed to compliant to the European Pharmacopeia	
Food	Is not food grade product	
Genetically Modified Organisms (GMO)	This product doesn't contain GMO and is not derived from a GMO. PCR analyses, to determine GMO traces are therefore not performed	
Inventories	Listed in China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI,	Philippines PICCS, Japan ENCS, Korea KECL, Australia AIIC, Canada DSL
Geographic origin (for plant)	No data available	
Glycol ether	Glycol ether are not added to this product during the manufacturing process. The process itself doesn't expect the formation of glycol ether, therefore this product is not monitored analytically	
Halal	No data available	
Heavy Metals	are not intentionally added or used during the manufacturing process of this product. Therefore, it is unlikely that elemental impurities are present in this product in appreciable amounts. if present, below the 100 ppm limit.	
HS code	2915704098	
Irradiation / ionization	This product has not been treated with ionizing radiation during or after the manufacturing process	
Kosher	No data available	
Latex	No data available	
Manufacturing location	No data available	
Microbiological data	Since low water content no high microbiological activity expected but not monitored	
Microplastic	Not expected	
Nanomaterials	This product doesn't contain any ingredients classified as nanomaterials according to Commission Recommendation 2011/696 - 2022/C 229/01 and regulation (EC) No. 1223/2009 This product is free of any declarable substance in nanoparticulate state according to the provisions of the French Decree 2012-232.	
Nitrosamine	Not expected	
Nutritional data	Not concerned	
Origin	Palmitic acid is derived from vegetable (palm oil) Isopropanol is from petrochemical origin	
PAH/PFAS	PFAS are not expected	
Pesticide	Pesticides are not monitored. However, , pesticides and residues are not expected to be present above the limits of quantification.	

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Phthalate	Phthalates are not added to this product during the manufacturing process. The process itself doesn't expect the formation of phthalates, therefore this product is not monitored analytically
Preservative	Preservatives, are not intentionally added.
Process	 <pre> graph LR A[Palmitic Acid] --> D[Mixing] B[Isopropanol] --> D D --> C[Esterification] C --> E[Post treatment] E --> F[Packaging] </pre>
REACH	This product is registered 01-2119541808-31
Residual Solvents	The class 3 solvent isopropanol is used as a starting material for the production of this product. The residue of this solvent is monitored with a threshold value of 0.5%
RSPO	This product contains palm oil derivate. PO = 80% / PKO = 0% Our reference "PALMITATE D'ISOPROPYLE" is not RSPO certified If you want RSPO certified grade, you must order "PALMITATE D'ISOPROPYLE-RSPO-MB"
Shelf Life before re-check	2 years
Substances of Very High Concern (SVHC)	SVHC are not expected
Volatiles organic compounds (VOC)	This product doesn't show a vapor pressure above or equal to 0.01 kPa at 20°C and needs therefore not to be classified as a 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.*