

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> C12-C15 ALKYL BENZOATE	Novembre 2024 / November 2024
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INCI: **C12-C15 alkyl benzoate**
N°CAS: 68411-27-8
N°EINECS/ELINCS: 270-112-4

DESCRIPTION / DESCRIPTION:

Ester gras de l'acide benzoïque et des alcools en C12-C15 / *Fatty ester of benzoic acid and C12-C15 alcohols*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS
Couleur Apha / <i>Apha color</i>	≤ 30
Indice d'acide / <i>Acid value</i>	≤ 0.5 mg KOH/g
Indice de saponification / <i>Saponification value</i>	169 – 182 mg KOH/g
Teneur en eau / <i>Water content</i>	≤ 0.15%
Densité à 25°C / <i>Density at 25°C</i>	0.915 – 0.935 g/ml
Indice de réfraction / <i>Refractive index</i>	1.4830 – 1.4870

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Liquide incolore / *Colorless liquid*
Point éclair / *Flash point* : 189°C
Point de fusion / *Melting point* : -16°C
Point d'ébullition / *Boiling point* : 374°C
Ce produit est végétalien / *This product is suitable for vegan*
ISO 16128 : 0/0/0/0

APPLICATIONS:

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

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:


IBC de 930 kg, Fût plastique de 190 kg, tonnelet de 50kg / *930kg IBC, 190kg plastic drum, 50kg barrel*

Additives	Additives as preservatives, antioxidants, formaldehyde or fragrances are not added during the manufacturing process, therefore these substances are not monitored analytically.
Allergen	This product may contain the following impurities cited in annex III of the regulation (EC) No.1223/2009, which can be generated during the production process: benzylbenzoate: ≤ 30 ppm, benzylalcohol: ≤ 10 ppm
Animal Testing	This product has not been tested on animals in terms of regulation (EC) No.1223/2009, Article 18
BSE - Bovine Spongiform Encephalopathy	This product is derived from synthetic raw materials and 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	This product is not rated as a CMR (category 1A, 1B, and 2) and doesn't contain any ingredients rated as CMR (category 1A, 1B, and 2) according to regulation (EC) No.1223/2009 in association with regulation (EC) No.1272/2008

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(CMR)	
Composition	100% INCI : C12-C15 alkyl benzoate
Cosmetic	<p>The product is intended to be used in cosmetics preparations.</p> <p>The ingredients are not cited in annex II or III of regulation (EC) No 1223/2009. Therefore, the application in cosmetic preparations is not further regulated by the cosmetics regulation. Note that this declaration does not affect the obligation for the manufacturer of a cosmetic preparation to perform an assessment the safety on the finished product (Article 10).</p> <p>Furthermore, this declaration is not a warranty for the suitability to a special application on customer side. The user of the product is responsible for the compliance with all applicable laws, regulations and standards applying to the use of the product</p>
Cosmos / Ecocert	This product contains petrochemical derivatives – Not accepted by Cosmos
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	1, 4-dioxane is not expected to be present as the manufacturing process doesn't include an ethoxylation step. Therefore 1,4-dioxane is not monitored analytically
Ecolabel	<i>No data available</i>
European Pharmacopeia	<i>No data available</i>
Food	Is not a food grade product
Genetically Modified Organisms (GMO)	This product doesn't contain GMO and is not derived from a GMO.
Inventories	Listed in: IECSC / IECIC / TCSI / KECL / TSCA / NZIoC / PICCS / AIIC / DSL
Geographic origin (for plant)	Not concerned
Glycol ether	Glycol ether is 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	<i>No data available</i>
Heavy Metals	This product is monitored periodically for the sum of heavy metals with a threshold value of 10 ppm (as Pb)
HS code	3824999299
Irradiation / ionization	This product has not been treated with ionizing radiation during or after the manufacturing process
Kosher	<i>No data available</i>
Latex	<i>No data available</i>
Manufacturing location	<i>No data available</i>
Microbiological data	This product is not monitored on microbiological parameters, High processing temperatures and very low water content of the final product decrease the risk of microbial contamination
Microplastics	Are neither intentionally added, nor used during the manufacturing process. No analyses are performed.
Nanomaterials	This product doesn't contain any ingredients classified as nanomaterials according to Commission Recommendation 2022/C 229/01 and regulation (EC) No 1223/2009
Nitrosamines	<p>A contamination with nitrosamines is not expected to be present.</p> <p>This product doesn't contain nitrosatable or nitrosating substances as ingredients which allow a formation of nitrosamines; therefore these additives are not monitored analytically.</p>
Nutritional data	Not concerned
Origin	Petrochemical
PAH / PFAS	Are not added to this product during the manufacturing process. The process itself doesn't expect the

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	formation; therefore this product is not monitored analytically
Pesticide	This product is not monitored on pesticides. A presence of pesticides in the finished product is not expected to be present due to the artificial origin of the raw materials
Phthalate	Phthalates are not added to this product during the manufacturing process. The process itself doesn't expect the formation of phthalates, therefore this substance class is not monitored analytically
Preservative	Preservatives are not added to this product during the manufacturing process, therefore not monitored analytically
Process	 <pre> graph LR BA[Benzoic Acid] --> Mix[Mixing] CA[C12-15 Alcohol] --> Mix Mix --> Est[Esterification] Est --> PT[Post treatment] PT --> Pack[Packaging] </pre>
REACH	This product is registered 01-2119825559-27
Residual Solvents	For the production of this product, class 1, 2 or 3 solvents, referring to EP chapter 5.4, are not added or used. These solvents are not monitored analytically
RSPO	This product doesn't contain palm or palm oil – not concerned
Shelf Life before re-check	2 years
Substances of Very High Concern (SVHC)	Substances cited in the SVHC candidate list or already included in annex XIV of (EC) No 1907/2006, are not used as ingredients
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 according to directive (EC) No 1999/13 and Swiss VOCV

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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.*