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|  | Dossier technique et réglementaire / <i>Technical and regulatory document</i> C12-C15 ALKYL BENZOATE | Mai 2019 / <i>May 2019</i> |
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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 | METHODES |
|--|--------------------|--------------|
| Indice d'acide / <i>Acid value</i> | ≤ 0.5 mg KOH/g | |
| Indice de saponification / <i>Saponification value</i> | 169 – 182 mg KOH/g | |
| Couleur Apha / <i>Apha color</i> | ≤ 30 | APHA |
| Teneur en eau / <i>Water content</i> | ≤ 0.15% | KARL FISCHER |
| 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*

Ces caractéristiques sont conformes aux précédentes spécifications datées de Décembre 2014 / *These features are in accordance with previous specifications dated on December 2014*

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*

APPLICATIONS:

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

CONDITIONNEMENT STANDARD / *STANDARD PACKAGING:*

Fût de 190 kg / *190kg drum*
Matière première non classifiée comme substance dangereuse / *Raw material not classified as dangerous substance*

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| Additives | Additives as antioxidants, PAH, formol or fragrances are not added during the manufacturing process, therefore these substances are not monitored analytically. A contamination with nitrosamines is not expected to be present. This product doesn't contain nitrosable or nitrosating substances as ingredients which allow a formation of nitrosamines, therefore these additives are not monitored analytically. This product is not monitored on aflatoxins. A presence of aflatoxins in the finished product is not expected to be present, with the respect to the used raw materials and the production process This product is not classified as PBT or vPvB and doesn't contain any ingredients classified as PBT/vPvB according to regulation (EC) No.1907/2006 |
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| Allergen | <p>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</p> <p>This product is not derived from any gluten containing cereals; the use raw materials do not represent a source for gluten. This product is not derived from nuts (allergen associated); traces of nut allergens are not monitored analytically.</p> |
| 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 (CMR) | 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 |
| Composition | 100% C12-C15 alkyl benzoate |
| Cosmetic | This product is not cited in annex II or III of regulation (EC) No.1223/2009, therefore the application in cosmetic preparations is not prohibited or restricted according to this regulation |
| Cosmos / Ecocert | This product contains petrochemical derivates – Not accepted by Cosmos |
| Danger | This product is not classified as dangerous in accordance to 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. PCR analyses, to determine GMO traces are therefore not performed |
| Inventories | Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI and NECI, Japan ENCS, Korea KECl, Philippines PICCS, Australia AICS, Canada 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 | 38249097 |
| 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 |
| Nanomaterials | This product doesn't contain any ingredients classified as nanomaterials according to Commission Recommendation 2011/696 and regulation (EC) No 1223/2009 |
| Nutritional data | Not concerned |
| Origin | Petrochemical/synthetic |

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| 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 | Benzoic acid + alcohol -> mixing -> esterification -> post treatment -> packaging |
| 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.*