	Dossier technique et réglementaire / <i>technical and regulatory document</i> ALCOOL GRAS ETHOXYLE C16/C18 + 25EO ALCOOL GRAS ETHOXYLE C16/C18 + 25EO – RSPO-MB	Novembre 2024 / November 2024
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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.

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INCI: **Ceteareth 25**
N°CAS: 68439-49-6
N°EINECS/ELINCS: Polymer

DESCRIPTION / DESCRIPTION:

Alcool gras en C16/C18 éthoxylés à 25 moles / *Fatty alcohols in C16/C18 ethoxylated at 25 moles*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
pH (5%)	5 – 7.5 (H2O: IPA) (90 :10)	ICP008
Indice d'hydroxyle / <i>Hydroxyl number</i>	33 – 45 mg KOH/g	ICP052
Couleur / <i>Color</i>	Blanc / <i>white</i>	ICP002
Teneur en eau (KF) / <i>Water content (KF)</i>	≤ 1%	ICP003
Point de trouble (1% NaCl 10%) / <i>Cloud point</i>	74 – 80°C	ICP009

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Apparence visuelle à 30°C: solide, flocons / *Visual appearance at 30°C: solid, flakes*

Point de fusion / *Melting point*: 40 – 45°C (ICP021)

HLB : 16.4

Soluble dans l'eau et dans l'éthanol / *Soluble in water and ethanol*

Produit Vegan

ISO 16128

NATURAL INDEX: 0

NATURAL ORIGIN INDEX: 0

ORGANIC INDEX: 0

ORGANIC ORIGIN INDEX: 0

APPLICATIONS:


Émulsifiants à usage cosmétique pour la formulation d'un système stable, sans danger pour la dermatologie / *Emulsifiers for cosmetics application in order to formulate stable system dermatologically safe*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:


Ecailles en sac de 25 kg / *Scales in 25 kg bag*

A conserver à 0 - + 30 ° C dans l'emballage d'origine et à l'abri de l'humidité / *Store at 0 - +30°C in original sealed packing and protect from moisture*

Additives	Antioxidants: not intentionally added and not expected to be present. Formaldehyde and Formaldehyde releasers are not used and not suspected to form during the manufacturing process, not expected to be present in the raw materials used nor intentionally added to the product, therefore their presence is not expected. Based on starting materials and process of synthesis, formaldehyde is not expected to be present in this ingredient at levels beyond the background levels normally
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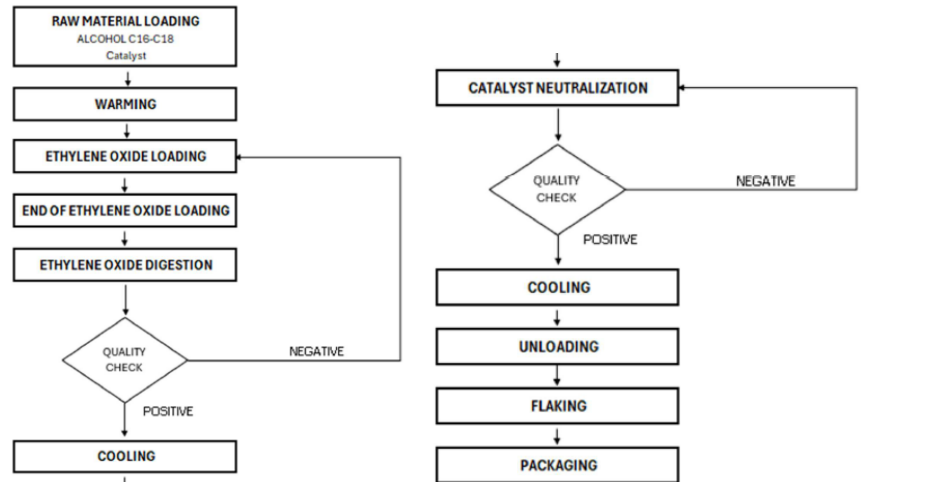
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	present for this substance, due to its ubiquitous nature (EFSA Journal 2014; 12 (2):3550 [11 pp.]) Bisphenols are not intentionally added and not expected to be present.										
Allergen	Cosmetics allergens listed in the Regulation (EC) 1223/2009 (Annex III) and its amendments and food allergens listed in the Regulation (EC) 1169/2011 (Annex II) and its amendments are not used and not suspected to form during the manufacturing process, not expected to be present in the raw materials used nor intentionally added to the product.										
Animal Testing	This product has never been tested on animals										
BSE - Bovine Spongiform Encephalopathy	This product is free from BSE										
California Prop 65	This product (CAS: 68439-49-6) is not listed										
Carcinogenic, Mutagenic and Reprotoxic (CMR)	The product may contain traces of CMR substances, categories 1 A, 1 B or 2 as defined in part 3, Annex VI of Regulation (EC) N°1272/2008 and following amendments, and as listed in Annex II of Cosmetic Regulation (EC) N° 1223/2009 and following amendments. They are technically unavoidable CMR impurities resulting from our qualified manufacturing process (alkoxylation) Chemical name CAS number Content Ethylene Oxide (CAS 75-21-8) < 1 ppm 1,4 Dioxane (CAS 123-91-1) < 5 ppm Acetaldehyde (CAS 75-07-0) < 10 ppm 2-Ethoxyethanol (CAS 110-80-5) < 5 ppm 2-Ethoxyethyl acetate (CAS 111-15-9) < 5 ppm <i>(Standard values; not checked on each product lot)</i>										
Composition	Cetareth-25 (≥ 99%)										
Cosmetic	The product is in compliance with EC REGULATION No. 1223/2009.										
Cosmos / Ecocert	This product contains synthetic derivates – not accepted by Cosmos										
Danger	This product is classified as dangerous in accordance with CLP but not with ADR										
Dioxane	This product contains 1,4 dioxane (max 5 ppm)										
Ecolabel	<i>No data available</i>										
European Pharmacopeia	<i>No data available</i>										
Food	<i>No data available</i>										
Genetically Modified Organisms (GMO)	This product is free from GMO										
Inventories	For the product CAS 68439-49-6: <table border="0"> <tr> <td>EINECS (EU): Listed</td> <td>ENCS (Japan): Listed</td> </tr> <tr> <td>TSCA (USA): Listed</td> <td>TCSI (Taiwan): Listed</td> </tr> <tr> <td>DSL (Canada): Listed</td> <td>NZIoC (New Zeland): Listed</td> </tr> <tr> <td>AICS (Australia): Listed</td> <td>PICCS (Philippine): Listed</td> </tr> <tr> <td>IECSC (China): Listed</td> <td>KECI (Korea): Listed</td> </tr> </table>	EINECS (EU): Listed	ENCS (Japan): Listed	TSCA (USA): Listed	TCSI (Taiwan): Listed	DSL (Canada): Listed	NZIoC (New Zeland): Listed	AICS (Australia): Listed	PICCS (Philippine): Listed	IECSC (China): Listed	KECI (Korea): Listed
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IECSC (China): Listed	KECI (Korea): Listed										
Geographic origin (for plant)	<i>No data available</i>										
Glycol ether	<i>No data available</i>										
Halal	The product or raw materials are not of animal origin; the product or raw materials have not been in contact with animal products; the product or its raw materials did not originate in the milk; the product or raw materials have not been in contact with sources of dairy origin; the product or its raw materials did not originate from ethanol; the product or raw materials have not been in contact with ethanol or derived from grapes; the product complies with the HALAL precepts										
Heavy Metals	Total heavy metals content < 10 ppm. The accidental presence of Heavy Metals in the product is always below the ETAD (the Ecological and Toxicological Association of Dyes and Organic Pigments)										

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	Manufacturers) limits. Such limits are internationally recognized as (eco) toxicological threshold values.
HS code	34024200
Irradiation / ionization	The product hasn't been treated
Kosher	The product or any of its raw materials are not of animal origin; the product or any of its raw materials have not been in contact with substances of animal origin; the product or any of its raw materials are not of dairy origin; the product or any of its raw materials have not been in contact with dairy sources; the product or any of its raw materials are not of ethanol origin; the product or any of its raw materials have not been in contact with ethanol or grape derivatives; the product complies with the KOSHER precepts.
Latex	not intentionally added and not expected to be present
Manufacturing location	Italy
Microbiological data	Due to the low water content ($\leq 1\%$), the product is not checked for microbiological contamination. At best of our knowledge the product is thus not microbiologically contaminated nor contaminable.
Microplastics	Being a Readily biodegradable solid, the product doesn't fall under the definition of synthetic polymer microparticles set in the Commission Regulation (EU) 2023/2055. We further confirm that, at best of our knowledge, the product doesn't contain synthetic polymer microparticles as defined in the Commission Regulation (EU) 2023/2055.
Nanomaterials	The product is not considered a nanomaterial and doesn't contain nanomaterials following the definition described in Art. 2 (K) and Art. 16 of Cosmetic Regulation EC 1223/2009 and French decree (2012-232)
Nitrosamines	not used and not suspected to form during the manufacturing process, not expected to be present in the raw materials used nor intentionally added to the product.
Nutritional data	<i>No data available</i>
Origin	The product is obtained by synthesis from raw materials of both vegetable (Cetearyl Alcohol) and petrochemical (Ethylene Oxide) origin. Vegetable source is mainly from Palm Oil. Vegetable derivation is 19%.
PAH / PFAS	PAH and PFAS are not intentionally added and not expected to be present
Pesticide	Pesticides are not expected to be present in this product
Phthalate	Phthalates are not expected to be present in this product
Preservative	not intentionally added and not expected to be present
Process	Ethoxylation of Fatty Alcohol.

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	 <pre> graph TD A[RAW MATERIAL LOADING ALCOHOL C16-C18 Catalyst] --> B[WARMING] B --> C[ETHYLENE OXIDE LOADING] C --> D[END OF ETHYLENE OXIDE LOADING] D --> E[ETHYLENE OXIDE DIGESTION] E --> F{QUALITY CHECK} F -- NEGATIVE --> C F -- POSITIVE --> G[COOLING] G --> H[CATALYST NEUTRALIZATION] H --> I{QUALITY CHECK} I -- NEGATIVE --> H I -- POSITIVE --> J[COOLING] J --> K[UNLOADING] K --> L[FLAKING] L --> M[PACKAGING] </pre>
REACH	<p>Substance CAS 68439-49-6 is a polymer according REACH Regulation and thus it is exempted from Registration according to Article 2, Part 9 of the Regulation itself.</p> <p>We confirm monomers are in compliance with REACH Regulation:</p> <p>Ethylene Oxide CAS 75-21-8, EC 200-849-9 2 has been registered to the competent authorities - Reg. num. 01-2119432402-53.</p> <p>Alcohols, C16-18 - CAS 67762-27-0 is a multi-constituent substance according REACH Regulation:</p> <p>EC 204-017-6 CAS 112-92-5 Octadecan-1-ol / Reg. No 01-2119485907-20</p> <p>EC 253-149-0 CAS 36653-82-4 Hexadecan-1-ol / Reg. No 01-2119485905-24</p> <p>The product is in compliance with Annex XVII and XIV of REACH Regulation.</p>
Residual Solvents	Solvents are not intentionally added and not expected to be present
RSPO	<p>The percentage of Palm derivation of the product is 19% (mainly from Palm Oil).</p> <p>Our reference "ALCOOL GRAS ETHOXYLE C16/C18 + 25EO" is not RSPO certified.</p> <p>If you want RSPO certified grade, you must order "ALCOOL GRAS ETHOXYLE C16/C18 + 25EO -RSPO-MB"</p>
Shelf Life before re-check	24 months
Substances of Very High Concern (SVHC)	The product doesn't contain SVHC reported in the Candidate List for authorization in a concentration higher than 0,1%
Volatiles organic compounds (VOC)	<p><i>Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC</i></p> <p>and</p> <p><i>Directive 2010/75/EU on the limitation of emissions of VOCs in certain industrial activities</i></p> <p>Due to the complexity of the above-mentioned regulations, a statement could only be made if the conditions of use of the product were known.</p> <p>Since we cannot be aware of such conditions, please make your own assessment based on the volatility and/or boiling point listed in Chapter 9 of the product MSDS.</p> <p><i>"Ordinance on the steering charge on volatile organic compounds" of the Swiss Confederation (SR 814.018)</i></p> <p>According to the above-mentioned Ordinance, products are exempted from tax if their content of VOCs (as listed in Annex I of the Ordinance itself) is lower than 3%.</p> <p>To the best of our knowledge, the product doesn't contain > 3% of the substances listed in the Positive List (Annex 1) defined by Swiss Ordinance 814.018.</p> <p><i>European Commission Decision 2014/312/EU establishing the ecological criteria for the award of the EU Ecolabel for indoor and outdoor paints and varnishes</i></p> <p>The level of VOC and SVOC according to 2014/312/EU is estimated to be lower than 1%.</p>

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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.*