	Dossier technique et réglementaire / <i>technical and regularoty document</i> ACIDE STEARIQUE TP 55/16-RSPO-MB	Janvier 2019 / <i>January 2019</i>
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INCI: palmitic & stearic acid
N°CAS: 67701-03-5
N°EINECS/ELINCS: 266-928-5

DESCRIPTION / DESCRIPTION:

Acides gras en C16-18 / *Fatty acids in C16-18*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Titre / <i>Titer</i>	54 – 57°C	ISO 935, 1988
Indice d'iode / <i>Iodine value</i>	≤ 0.5 g I ₂ /100g	ISO 3961, 1996
Indice d'acide / <i>Acid value</i>	205 – 214 mg KOH/g	ISO 660, 1996
Indice de saponification / <i>Saponification value</i>	206 – 215 mg KOH/g	ISO 3657, 1988
Couleur, Lovibond 5.25" cell / <i>Color, Lovibond 5.25" cell</i>	5Y / 0.5R	ISO 15305, 1998
C 12 : Acide laurique / <i>lauric acid</i>	≤ 1 %	GC ISO 5508, 1990 / 5509, 1978
C 14 : Acide myristique / <i>myristic acid</i>	≤ 5 %	
C 16 : Acide palmitique / <i>palmitic acid</i>	50 – 63 %	
C 18 : Acide stéarique / <i>Stearic acid</i>	37 – 50 %	

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

Ces caractéristiques sont conformes aux précédentes spécifications datées de Mars 2009 / These features are in accordance with previous specifications dated on March 2009

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

C18:1: ≤ 0.5 %
Autres acides gras / *others fatty acids*: ≤ 1 %
Couleur APHA / *Color APHA*: ≤ 40
Densité à 75°C / *Density at 75°C*: 0.85 g/cm³
Point éclair / *Flash point*: > 150°C
Point d'ébullition / *Boiling point*: > 200°C
Produit Vegan / *Vegan produit*


APPLICATIONS:

Cosmetic and plastic industry.


CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Poudre ou micro-billes en sac de 25 kg / *Powder or micro-balls in a 25 kg bag*

Additives	This product doesn't contain additives
Allergen	This product doesn't contain food allergen (regulation EU No1169/2011 Annex II) and cosmetic allergen (regulation 1223/2009)
Animal Testing	This product has not been tested on animals
BSE - Bovine Spongiform	No risk of BSE

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Encephalopathy																									
California Prop 65	The cas n°67701-03-5 is not listed																								
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product doesn't contain CMR (directive 1272/2008/CE)																								
Composition	Palmitic acid and stearic acid																								
Cosmetic	This product complies with Cosmetic regulation 1223/2009/CEE																								
Cosmos / Ecocert	With available information, this product is expected to be accepted by cosmos																								
Danger	This product is not classified as dangerous according to the CLP and ADR																								
Dioxane	This product doesn't contain dioxane																								
Ecolabel	<i>No data available</i>																								
European Pharmacopeia	This product is compliant with the current European Pharmacopeia																								
Food	Is a food grade product. This product doesn't contain food allergen (regulation EU N°1169/2011 Annex II), cosmetic allergen (regulation 1223/2009) and complies with food additive regulation 231/2012																								
Genetically Modified Organisms (GMO)	This product doesn't contain GMO (< 0.1 %; decree n°2012- 128 of 30/01/2012)																								
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Korea KECl, Philippines PICCS, Australia AICS, Canada DSL																								
Geographic origin (for plant)	<i>No data available</i>																								
Glycol ether	This product doesn't contain glycol ether																								
Halal	This product is Halal certified																								
Heavy Metals	This product doesn't contain heavy metals																								
HS code	3823110000																								
Irradiation / ionization	There is no ionization / irradiation during the manufacturing process																								
Kosher	This product is kosher certified																								
Latex	This product doesn't contain latex																								
Manufacturing location	Malaysia																								
Microbiological data	This product meet the following microbiology specification: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Test parameter</th> <th>Typical results</th> <th>specifications</th> </tr> </thead> <tbody> <tr> <td>Total aerobic microbial count</td> <td>< 10cfu / g</td> <td>Max 200 cfu / g</td> </tr> <tr> <td>Total combined yeast & moulds count</td> <td>< 10cfu / g</td> <td>Max 100 cfu / g</td> </tr> <tr> <td>Escherichia coli</td> <td>Absent / g</td> <td>Absent / g</td> </tr> <tr> <td>Staphylococcus aureus</td> <td>Absent / g</td> <td>Absent / g</td> </tr> <tr> <td>Pseudomonas aeruginosa</td> <td>Absent / g</td> <td>Absent / g</td> </tr> <tr> <td>Salmonella</td> <td>Absent / 10g</td> <td>Absent / 10g</td> </tr> <tr> <td>Bile Tolerant Gram Negative Bacteria</td> <td>Absent / g</td> <td>Absent / g</td> </tr> </tbody> </table>	Test parameter	Typical results	specifications	Total aerobic microbial count	< 10cfu / g	Max 200 cfu / g	Total combined yeast & moulds count	< 10cfu / g	Max 100 cfu / g	Escherichia coli	Absent / g	Absent / g	Staphylococcus aureus	Absent / g	Absent / g	Pseudomonas aeruginosa	Absent / g	Absent / g	Salmonella	Absent / 10g	Absent / 10g	Bile Tolerant Gram Negative Bacteria	Absent / g	Absent / g
Test parameter	Typical results	specifications																							
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Pseudomonas aeruginosa	Absent / g	Absent / g																							
Salmonella	Absent / 10g	Absent / 10g																							
Bile Tolerant Gram Negative Bacteria	Absent / g	Absent / g																							
Nanomaterials	This product doesn't contain nanomaterials (commission recommendation, 2011/696 and cosmetic regulation 1223/2009)																								
Nutritional data	<i>No data available</i>																								
Origin	100% vegetable (palm oil)																								
Pesticide	This product doesn't contain pesticides																								
Phthalate	This product doesn't contain phthalate																								
Preservative	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)																								
Process	Hydrolytic splitting of palm oil to glycerol and fatty acids. Subsequent hydrogenation and physical fractionation.																								
REACH	This product is registered 01-2119543709-29																								
Residual Solvents	This product doesn't contain residual solvents (note CPMP/ICH/283/95)																								

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RSPO	This product is RSPO-MB certified, see our certificate on our website www.interchimie.fr
Shelf Life	2 years
Substances of Very High Concern (SVHC)	This product doesn't contain SVHC
Volatiles organic compounds (VOC)	This product doesn't contain VOC (directive N° 2010/79/UE)

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancel and replace all technical and regulatory previous documents.*