



Dossier technique et réglementaire / *technical and regularoty document*

Janvier 2019 /
January 2019

ACIDE STEARIQUE TP 55/16

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 | <p>This product meet the following microbiology specification:</p> <table border="1"> <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 | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | |
| 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 derived exclusively from palm oil or palm kernel oil. This product is not certified RSPO. This same product is also available with RSPO-MB grade on <u>request only</u> . Ask our product "ACIDE STEARIQUE TP 55/16 - RSPO-MB" |
| 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.*