

	Dossier technique et réglementaire / <i>technical and regulatory document</i> ACIDE STEARIQUE 95% ACIDE STEARIQUE 95%-RSPO-MB	Mai 2025 / May 2025
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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.

This document is usable for our 2 references: conventional grade and RSPO-MB grade. Be careful to mention "RSPO-MB" in your order if you want this grade.

INCI: **Stearic acid**

N°CAS: 57-11-4

N°EINECS/ELINCS: 200-313-4

DESCRIPTION / DESCRIPTION:

Acides gras saturés obtenus par fixation d'hydrogène sur les liaisons insaturées de chaînes hydrocarbonées /

Saturated fatty acids obtained by fixing hydrogen on the unsaturated bonds of hydrocarbon chains

Produit d'origine végétale (100% palme) / *Raw material from vegetable origin (100% palm)*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES
Titre / <i>Titer</i>	67 – 69°C	AOCS Tr 1a-64
Indice d'acide / <i>Acid value</i>	194-198 mg KOH/g	AOCS Te 1a-64
Indice de saponification/ <i>Saponification value</i>	195-199 mg KOH/g	AOCS TI 1a-64
Indice d'iode / <i>Iodine value</i>	≤ 1 gI ₂ / 100g	AOCS Tg 1a-64
Couleur Apha	≤ 60	ASTM D1209-93
Couleur Lovibond 5 ¼ " cell / <i>Color Lovibond 5 ¼ " cell</i>	≤ 2 yellow	AOCS Cc 13b-45
	≤ 0.2 red	
Composition en acide gras / <i>Fatty Acid Composition</i>		
C 16 Acide palmitique / <i>palmitic acid</i>	≤ 2 %	AOCS Ce 2-66 & Ce 1e-91
C 18:0 Acide stéarique / <i>Stearic acid</i>	≥ 98 %	
C 18:1 Acide oleique / <i>oleic acid</i>	≤ 1 %	
Autre / <i>Other</i>	≤ 1.5%	

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Miscible avec la plupart des solvants organiques / *Miscible with some of the organic solvents*

APPLICATIONS:

Industrie plastique et cosmétiques / *Cosmetic and plastic industry*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Poudre, écailles ou micro-billes en sac de 25 kg / *Powder, scales ou micro-balls in bag of 25 kg*

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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 & 2023/1545)	
Animal Testing	This product has not been tested on animals	
BSE - Bovine Spongiform Encephalopathy	No risk of BSE	
California Prop 65	This product (CAS: 57-11-4) is not listed	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product doesn't contain CMR (1223/2009)	
Composition	Stearic acid 98 % INCI : 100% stearic acid, other are impurities	
Cosmetic	This product complies with Cosmetic regulation 1223/2009/CEE and its amendments	
Cosmos / Ecocert	This product contains palm oil derivate. Our reference " ACIDE STEARIQUE 95% " is not accepted by cosmos because derivate from not certified palm oil. If you want COSMOS accepted grade, you must order " ACIDE STEARIQUE 95%-RSPO-MB ", this grade seems to be cosmos accepted	
Danger	This product is not classified as dangerous according to CLP and ADR	
Dioxane	1) Sum of dioxins 0.75 pg/g fat max 2) Sum of dioxin like PCBs 0.5 pg/g fat max 3) Sum of dioxins and dioxin-like PCBs 1.25 pg/g fat max 4) Sum of 6 PCBs [PCB28, PCB52, PCB101, 40 ng/g fat max PCB138, PCB153, PCB180]	
Ecolabel	No data available	
European Pharmacopeia	No data available	
Food	Is a food grade product	
Genetically Modified Organisms (GMO)	This product is derived from GMO free raw materials	
Inventories	Listed in China IECSC, Tawan TCSI USA TSCA, Japan ENCS New Zealand NZIoC,	Korea KECL, Thailand TECI Philippines PICCS, Australia AIIC, Canada DSL
Geographic origin (for plant)	No data available	
Glycol ether	No data available	
Halal	This product is Halal certified	
Heavy Metals	Meets regulation 2023/915 Arsenic 0.1 mg/kg max Cadmium 0.1 mg/kg max Copper 0.1 mg/kg max	Iron 0.5 mg/kg max Lead 0.1 mg/kg max Mercury 0.1 mg/kg max Nickel 0.1 mg/kg max
HS code	2915705000	
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	

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Microbiological data	This product meet the following microbiology specification:		
	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
Microplastic	Not expected		
Nanomaterials	This product doesn't contain nanomaterials (French decree & cosmetic regulation 1223/2009)		
Nutritional data	<i>No data available</i>		
Origin	100% vegetable (palm oil)		
PAH/PFAS	1) Sum of 4 PAHS 10.0 µg/kg max [Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene] 2) Benzo(a)pyrene 2.0 µg/kg max PFAS, PFOS, PFOA aren't use in manufacturing process		
Pesticide	This product doesn't contain pesticides (396/2005)		
Phthalate	This product doesn't contain phthalate		
Preservative	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE)		
Process	Hydrolysis → hydrogenation → fractionation, distillation		
REACH	This product is registered 01-2119543894-28		
Residual Solvents	Not expected		
RSPO	This product contains palm oil derivate: 100% PO Our reference " ACIDE STEARIQUE 95% " is not RSPO certified If you want RSPO certified grade, you must order " ACIDE STEARIQUE 95%-RSPO-MB "		
Shelf Life	2 years		
Substances of Very High Concern (SVHC)	Not expected		
Volatiles organic compounds (VOC)	Not expected		

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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.*