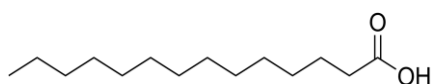


	Dossier technique et réglementaire / <i>Technical and regulatory document</i> ACIDE MYRISTIQUE ACIDE MYRISTIQUE-RSPO-MB	Septembre 2025 <i>September 2025</i>
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Ce document est utilisable pour nos 2 références : grade conventionnel et grade RSPO-MB. Veuillez 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: **myristic acid**
N°CAS: 544-63-8
N°EINECS/ELINCS: 208-875-2

DESCRIPTION / DESCRIPTION:

Acide gras saturés obtenus par distillation sous vide de composés naturels / *Saturated fatty acids obtained by vacuum distillation of natural compounds*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	
Titre / Titer	52 – 55°C	AOCS Tr 1a-64
Indice d'iode / <i>Iodine value</i>	≤ 0.5 g I ₂ / 100g	AOCS Tg 1a-64
Indice d'acide / <i>Acid value</i>	242 – 249 mg KOH /g	AOCS Te 1a-64
Indice de saponification / <i>Saponification value</i>	243 – 250 mg KOH /g	AOCS TI 1a-64
Couleur / <i>color</i> APHA	40 max	ASTM D1209-93
Couleur Lovibond 5 ¼ " / <i>Color Lovibond 5 ¼ "</i>	≤ 2y / 0.2r	AOCS Cc 13b-45
C 12: 0 Acide laurique / <i>lauric acid</i>	≤ 1 %	AOCS Ce 2-66 & Ce 1e-91
C 14: 0 Acide myristique / <i>Myristic acid</i>	≥ 99 %	
C16: 0 Acide palmitique / <i>palmitic acid</i>	≤ 1 %	
other	≤ 1 %	

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

This produit est vegan / *This product is vegan*

ISO 16128:

Natural index = 0

Natural origin index = 1

APPLICATIONS:

Additif dans les détergences, les produits de lavage du corps, les cosmétiques et autres usages industriel / *additive in detergents, body washing products, cosmetics and others industrial commercial uses*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Principalement paillettes en sac de 25 kg / *mainly flakes in 25 kg bag*

Matière première non classifiée comme substance dangereuse / *Raw material not classified as dangerous substance*

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Additives	not expected	
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: 544-63-8) is not listed	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product doesn't contain CMR (directive 1272/2008/CE & 1223/2009 amended)	
Composition	Myristic acid ($\geq 99\%$), other fatty acid are impurities. INCI is 100% myristic acid	
Cosmetic	This product complies with Cosmetic regulation 1223/2009/CEE and its amendments	
Cosmos / Ecocert	This product contains palm kernel oil derivate. Our reference " ACIDE MYRISTIQUE " is not accepted by cosmos because derivate from not certified palm oil. If you want COSMOS accepted grade, you must order " ACIDE MYRISTIQUE -RSPO-MB "	
Danger	This product is not classified as dangerous according to the CLP and ADR	
Dioxane	1.4 dioxane is not expected	
Ecolabel	No data available	
European Pharmacopeia	No data available	
Food	No data available	
Genetically Modified Organisms (GMO)	This product doesn't contain GMO	
Inventories	Listed in China IECSC, Taiwan TCSI, USA TSCA, Japan ENCS New Zealand NZIoC,	Korea KECL, Philippines PICCS, Australia AIIC, Canada DSL, Thailand TECI
Geographic origin (for plant)	south east Asia	
Glycol ether	Glycol ether are not expected; therefore, they are not analyzed	
Halal	This product is Halal certified	
Heavy Metals	Meets the requirement in commission 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	2915 90 7095	
Irradiation / ionization	There is no irradiation during the manufacturing process	
Kosher	This product is Kosher certified	

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Latex	Not expected		
Manufacturing location	Malaysia		
Microbiological data	This product meets 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 (commission recommendation, 2011/696 and cosmetic regulation 1223/2009)		
Nitrosamine	Not expected		
Nutritional data	No data available		
Origin	100% vegetable (palm kernel oil)		
PAH / PFAS	Meets the requirement in commission regulation 2023/915 : - Sum of 4 PAHS = 10.0 µg/kg max Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene] - Benzo(a)pyrene = 2.0 µg/kg max Doesn't use or add PFAS / PFOS / PFOA during the manufacturing process		
Pesticide	According to EC396/2005		
Phthalate	Not expected		
Preservative	This product doesn't contain preservative (annex V cosmetic regulation 1223/2009/CEE)		
Process	hydrogenation / splitting of palm kernel oil ↓ Fractional distillation ↓ Blending ↓ Flaking/beading		
REACH	exempted from registration		
Residual Solvents	Residual solvents are not expected; therefore, they are not analyzed		
RSPO	This product is derived exclusively from palm kernel oil : 100% PKO Our reference “ACIDE MYRISTIQUE” is not RSPO certified If you want RSPO certified grade, you must order “ACIDE MYRISTIQUE -RSPO-MB”		
Shelf Life	2 years		
Substances of Very High Concern (SVHC)	SVHC are 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.*