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|  INTERCHIMIE | Dossier technique et réglementaire / <i>technical and regulatory document</i> MONO-OLEATE DE SORBITAN MONO-OLEATE DE SORBITAN-RSPO-MB | Décembre 2025 / <i>December 2025</i> |
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Ce document est utilisable pour nos 2 références : grade conventionnel et grade RSPO-MB. Veillez à inclure la mention « RSPO-MB » dans votre commande si vous souhaitez cette qualité.

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INCI: **Sorbitan oleate**

N°CAS: 1338-43-8

N°EINECS/ELINCS: 215-665-4

DESCRIPTION / DESCRIPTION:

Les esters de sorbitan sont des émulsifiants non ioniques obtenus par l'estérification du sorbitol déshydraté avec des acides gras. Le type N2 est à base d'acide oléique végétal.

Ces esters sont principalement des émulsifiants eau dans l'huile, mais ils peuvent également agir comme émulsifiants huile dans l'eau lorsqu'ils sont utilisés en combinaison avec les esters de sorbitane éthoxylés.

Sorbitan esters are non-ionic emulsifiers obtained by the esterification of dehydrated sorbitol with fatty acids. Type N2 is based on vegetable oleic acid.

These esters are mostly water in oil emulsifiers, but they can also act as oil in water emulsifiers when they are used in combination with the ethoxylated sorbitan esters.

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

| CARACTERISTIQUES | SPECIFICATIONS |
|--|--|
| Aspect à 20°C / <i>Aspect at 20°C</i> | Liquide limpide jaune-brun / <i>Clear Brownish-yellow liquid</i> |
| Indice d'acide / <i>Acid value</i> | ≤ 8 mg KOH/g |
| Indice de saponification / <i>Saponification value</i> | 145 – 160 mg KOH/g |
| Indice d'hydroxyle / <i>Hydroxyl value</i> | 190 – 210 mg KOH/g |
| Indice d'iode / <i>Iodine value</i> | 62 – 80 g I ₂ /100g |

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

HLB : 4.5

Point de fusion / *Melting point* : < 0°C

pH : +/- 7

Vegan product

ISO 16128

Natural index : 0

Natural origin index : 1

APPLICATIONS:

Cosmétiques, lubrifiants, textiles / *Cosmetics, lubricants, textiles*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Fût 200kg, tonneau de 25kg / *200kg drum, 25kg keg*

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

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Pendant le stockage à basse température, le produit peut se séparer en deux phases. Pour l'homogénéiser, chauffez doucement le produit à une température de 30 - 50°C et remuez avant utilisation.

During storage at cold temperature, the product can separate in two phases. To homogenize it, gently heat the product to a temperature of 30 - 50°C and stir it prior to use.

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| Additives | It does not contain any additive | |
| Allergen | This product doesn't contain cosmetics allergens (1223/2009 & 2023/1545). There is no presence of food allergens according to EU legislation 1169/2011 | |
| Animal Testing | This product has not been the subject of animal testing or retesting for cosmetics purposes | |
| BSE - Bovine Spongiform Encephalopathy | This product complies with all relevant current EU legislative requirements regarding to TSE/BSE, therefore, this product is free of BSE | |
| California Prop 65 | This product (CAS: 1338-43-8) is not listed | |
| Carcinogenic, Mutagenic and Reprotoxic (CMR) | This product is not classified as CMR as defined in European regulation 1272/2008/EC and its subsequent modifications | |
| Composition | <i>No data available</i> | |
| Cosmetic | This product complies with Cosmetics application (EC/1223/2009) | |
| Cosmos / Ecocert | Not accepted by cosmos standard due to manufacturing ingredient | |
| Danger | This product is not classified as dangerous in accordance with CLP and ADR | |
| Dioxane | 1.4 dioxane is unlikely to be present. Therefore we don't analyze them. | |
| Ecolabel | <i>No data available</i> | |
| European Pharmacopeia | <i>No data available</i> | |
| Food | Is not a food grade product | |
| Genetically Modified Organisms (GMO) | This product doesn't contain any raw material that originates from GMO as defined by guideline 2001/18/EC, therefore, this product is not obliged to be labeled in accordance with regulation EC 1829/2003 and EC 1830/2003 of 22-09-2003 | |
| Inventories | Listed in China IECSC, USA TSCA, New Zealand NZIoC, | Philippines PICCS , Taiwan TCSI, Australia AIIC , Canada DSL |
| Geographic origin (for plant) | <i>No data available</i> | |
| Glycol ether | <i>No data available</i> | |
| Halal | Compliant with HALAL requirement as : <ul style="list-style-type: none"> • not derived from products from animal origin • do not come into contact with any materials which could be derived from animal origin during manufacturing process do not contain ethanol, and ethanol has not been used in the manufacturing process | |
| Heavy Metals | There is no potential for heavy metals to be present in detectable concentration. Therefore, we do not analyze it. Total Heavy metal : ≤ 10 ppm | |
| HS code | 29161500 | |
| Irradiation / ionization | This product has not been irradiated during and after its manufacture | |
| Kosher | Compliant with KOSHER requirement as : <ul style="list-style-type: none"> • not derived from products from animal origin • do not come into contact with any materials which could be derived from animal origin during manufacturing process do not contain ethanol, and ethanol has not been used in the manufacturing process | |
| Latex | <i>No data available</i> | |
| Manufacturing location | Europe | |
| Microbiological data | No microbial activity is expected. The low activity of water makes the medium | |

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| | unfavorable for microbiological development. Therefore, we do not analyze it. |
| Microplastics | unlikely to be present. Therefore we don't analyze them. |
| Nanomaterials | This product is free of nanoparticles or materials produced via nanotechnology, (1223/2009 & French decree n°2012-232 & 2011/696) |
| Nitrosamine | unlikely to be present. Therefore we don't analyze them. |
| Nutritional data | Not concerned |
| Origin | 100% vegetable origin. It may contain until 65% of palm oil based product and 35% of corn or wheat based product. |
| PAH/PFAS | to the best of our current knowledge, PFAS are not expected to be present in this product as they are not voluntary added, nor generated by the process of production. Therefore, we do not analyze them. |
| Pesticide | unlikely to be present. Therefore we don't analyze them. |
| Phthalate | unlikely to be present. Therefore we don't analyze them. |
| Preservative | It does not contain any preservatives |
| Process | Esterification of dehydrated sorbitol with fatty acids |
| REACH | This product is exempted from REACH registration |
| Residual Solvents | No potential for residual solvent as solvent is not used during manufacturing process. |
| RSPO | This product is derived from palm oil or palm kernel oil. Our reference " MONO-OLEATE DE SORBITAN " is not RSPO certified If you want RSPO certified grade, you must order " MONO-OLEATE DE SORBITAN-RSPO-MB " |
| Shelf Life before re-check | 2 years |
| Substances of Very High Concern (SVHC) | Not expected therefore we don't analyze them |
| Volatiles organic compounds (VOC) | It is not a VOC based on the following regulation. Solvents Directive (Dir. 2010/75/EU) Paints Directive (Dir. 2004/42/CE) |

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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.*