INTERCHIMIE	Dossier technique et réglementaire / *technical and regulatory document* **POLYSORBATE 20 ALIMENTAIRE** **POLYSORBATE 20 ALIMENTAIRE -RSPO-MB**	Mars 2026 / *March 2026*

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

INCI: **Polysorbate 20**
N° CAS: 9005-64-5
N°EINECS/ELINCS: Polymer

DESCRIPTION / *DESCRIPTION*:
Monolaurate de sorbitan ethoxylé (20 moles). Tensio-actif non ionique, hydrophile */ Ethoxylated sorbitan monolaurate (20 moles). Nonionic surfactant, hydrophilic*

Produit conforme E432

CARACTERISTIQUES GARANTIES / *GUARANTEED SPECIFICATIONS:*

CARACTERISTIQUES	**SPECIFICATIONS**
Aspect */ Aspect*	Liquide jaune clair */ Yellow light liquid*
Indice d'acide */ Acid value*	≤ 2 mg KOH /g
Indice de saponification */ Saponification index*	40 – 50 mg KOH / g
Indice d'hydroxyle */ Hydroxyl value*	96 – 108 mg KOH / g
Teneur en eau */ Water content*	≤ 3%
Teneur en dioxane */ Dioxane content*	≤ 5 ppm
Teneur en oxyde d'éthylène */ Ethylene oxide content*	≤ 0.2 ppm
(Mono- et di-)Éthylèneglycols	≤ 0.25%
pH (1%)	5 – 8
Arsenic (As)	Max. 3 mg/kg
Cadmium (Cd)	Max. 1 mg/kg
Lead (Pb)	Max. 2 mg/kg
Mercury (Hg)	Max. 1 mg/kg

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

CARACTERISTIQUES A TITRE D'INFORMATION / *ADDITIONAL INFORMATION*:
Is a vegan product
ISO 16128 : 0/0/0/0

APPLICATIONS :
Application alimentaire / food application

CONDITIONNEMENT STANDARD / *STANDARD PACKAGING*:
IBC de 1000 kg – Fût plastique de 200 kg – Tonnelet 50/25 kg */ 1000 kg IBC – 200 kg plastic drum – 25 kg keg*
Matière première non classifiée comme substance dangereuse */ Raw material classified not classified as dangerous substance*

A Conserver dans l'emballage d'origine à 20 – 25°C. En cas de turbidité ou de sédimentation, homogénéiser avant utilisation (une montée de température pourrait aider) */ Store the product in well closed original package at 20 – 25°C. If turbidity or sedimentation occurs, homogenize before use (Rise of temperature may help)*

Additives	Doesn't contain additives	
Allergen	This product doesn't contain cosmetic allergen (1223/2009 & 2023/1545) and food allergen (regulation 1169/2011)	
Animal Testing	Has not been tested on animals	
BSE - Bovine Spongiform Encephalopathy	No risk of BSE	
California Prop 65	This product (CAS:9005-64-5) is not listed	
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product does not contain carcinogenic, mutagenic, or toxic for reproduction substances (CMR free) except for the following unavoidable impurities: -1,4 dioxane < 5 ppm -Ethylene oxide < 0.2 ppm	
Composition	100% INCI POLYSORBATE 20	
Cosmetic	*No data available*	
Cosmos / Ecocert	This product contains chemical derivates – Not accepted by Cosmos	
Danger	This product is not classified as dangerous in accordance with CLP and ADR	
Dioxane	This product contains dioxane (≤ 5 ppm), this impurity is unavoidable for ethoxylation process	
Ecolabel	*No data available*	
European Pharmacopeia	*No data available*	
Food	This product is for food application, comply with 213/2012 = E432	
Genetically Modified Organisms (GMO)	Doesn't contain genetically modified organisms (GMO).	
Inventories	Listed in Australia AIIC Canada DSL China IECSC Japan ENCS Korea KECI	New Zealand NZIoC Philippines PICCS Switzerland EINECS Taiwan TCSI United States of America (USA) TSCA
Geographic origin (for plant)	*No data available*	
Glycol ether	Max 0.25%	
Halal	is halal certified	
Heavy Metals	Contains heavy metals max 1-5ppm, see specifications	
HS code	34024200	
Irradiation / ionization	There is no irradiation / ionization step in this product	
Kosher	Is kosher certified	
Latex	Doesn't contain latex	
Manufacturing location	Europe (mainly Germany)	
Microbiological data	Microbiology is not measured due to the nature of the production process, this product is produced > 100°C and immediately afterwards hot filled into closed drums or IBC.	
Microplastic	Doesn't contain microplastic (2023/2055)	
Nanomaterials	Doesn't contain nanomaterials (2011/696 & 1223/2009)	
Nitrosamine	Doesn't contain nitrosamine	
Nutritional data	100% as fat (food additives are exempted from the requirement of the mandatory nutrition declaration.)	
Origin	vegetable and chemical origin	

PAH / PFAS	Doesn't contain PAH of PFAS
Pesticide	Doesn't contain pesticides
Phthalate	we do not intentionally introduce phthalates
Preservative	Doesn't contain preservatives (1223/2009 & 2003/15)
Process	Ethoxylation of sorbitanester. Under the reaction conditions during the ethoxylation, dioxan is always formed as a by-product, independent from the kind of raw material
REACH	This product is a polymer - exempted from REACH
Residual Solvents	Doesn't contain residual solvent(CPMP/ICH/283/95)
RSPO	This product contains palm kernel oil derivate PKO = 15% & PO = 0% Our reference **"POLYSORBATE 20 ALIMENTAIRE"** is not RSPO certified If you want RSPO certified grade, you must order **"POLYSORBATE 20 ALIMENTAIRE -RSPO-MB"**
Shelf Life	24 months
Substances of Very High Concern (SVHC)	Doesn't contain SVHC
Volatiles organic compounds (VOC)	Doesn't contain VOC (2010/75)

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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.*