

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> <b>OXYDE DE TITANE CODEX</b>	Décembre 2019 / <i>December 2019</i>
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INCI: **Titanium dioxyde CI 77891**  
N°CAS: 13463-67-7  
N°EINECS/ELINCS: 236-675-5

**DESCRIPTION / DESCRIPTION :**

Pigments en forme de poudre blanche impalpable, neutre, sans odeur.  
Colorant autorisé pour produits alimentaires conforme à E171.  
Produit conforme / *produit in compliance with* FDA 21 CFR 73.575 (aliments/*foodstuffs*), 73.1575 (produits pharmaceutiques/*pharmaceuticals*), 73.2575 (cosmétiques/ *cosmetics*). Produit conforme à la pharmacopée européenne (monographie « Titane (dioxyde de) ») en vigueur et USP / *in compliance with european pharmacopeia and USP*.

**CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :**

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Teneur en TiO <sub>2</sub>	98.0-100.5 %	Ph. Eur. En vigueur
Aspect de la solution	Conforme	
Acidité ou alcalinité	Conforme	
Substance soluble dans l'eau	≤ 0.5 %	
Antimoine	≤ 100 ppm	
Arsenic	≤ 5 ppm	
Baryum	Conforme	
Fer	≤ 200 ppm	
Métaux lourds	≤ 20 ppm	

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

**Ces caractéristiques sont conformes aux précédentes spécifications datées de septembre 2010 / These features are in accordance with previous specifications dated on September 2010**

**CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :**

Oil absorption : 19g/100g  
Density : 3.8g/cm<sup>3</sup>

**APPLICATIONS:**

Pharmaceutique, alimentaire, cosmétique, produit du tabac / *Pharmaceuticals, food, cosmetics, tobacco product*

**CONDITIONNEMENT STANDARD / STANDARD PACKAGING :**

Sac papier de 25 kg / 25 kg paper bag  
A stocker au frais et au sec dans un endroit bien ventilé / *Store in a cool and well-ventilated place*

<b>Additives</b>	No "conflict minerals" are used during the manufacturing process (tantalum, tin, gold, tungsten, or their derivatives)
<b>Allergen</b>	food allergen (regulation EU No1169/2011 Annex II) and cosmetic allergen (regulation 1223/2009) are not expected in this product
<b>Animal Testing</b>	This product has not been tested on animals
<b>BSE - Bovine Spongiform</b>	No risk of BSE

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<b>Encephalopathy</b>	
<b>California Prop 65</b>	California listed titanium dioxide as a carcinogen under proposition 65
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	<i>No data available</i>
<b>Composition</b>	>98.5 % TiO <sub>2</sub>
<b>Cosmetic</b>	This product can be used in cosmetics, meets to the 1223/2009 regulation
<b>Cosmos / Ecocert</b>	Meets to the Ecocert cosmetics requirement, no information available for cosmos
<b>Danger</b>	This product is not classified as dangerous in accordance with CLP nor ADR
<b>Dioxane</b>	<i>No data available</i>
<b>Ecolabel</b>	<i>No data available</i>
<b>European Pharmacopeia</b>	This product complies with the European Pharmacopoeia
<b>Food</b>	Is a food grade product, in compliance with E171
<b>Genetically Modified Organisms (GMO)</b>	This product doesn't contain GMO
<b>Inventories</b>	Compliant with China IESCS, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECL, Philippines PICCS, Australia AICS, Canada DSL
<b>Geographic origin (for plant)</b>	<i>No data available</i>
<b>Glycol ether</b>	<i>No data available</i>
<b>Halal</b>	Complies with halal requirments
<b>Heavy Metals</b>	Heavy metals < 20 ppm
<b>HS code</b>	28230000
<b>Irradiation / ionization</b>	There is no ionization / irradiation during the manufacturing process in this product
<b>Kosher</b>	<i>No data available</i>
<b>Latex</b>	This product doesn't contain latex
<b>Manufacturing location</b>	Germany or Canada
<b>Microbiological data</b>	<i>No data available</i>
<b>Nanomaterials</b>	This product contains < 50% of particules in the number size distribution where one or more external dimension is between 1nm and 100nm, therefore pigmentary products are not nanomaterials according to the definition given in EC/011/696.also, this product doesn't fall within the scope of French decree 2012-232
<b>Nutritional data</b>	Doesn't contain any organic material such as proteins, fats, carbohydrates, dietary fibers or vitamins and as no nutritional value
<b>Origin</b>	100% mineral
<b>Pesticide</b>	<i>No data available</i>
<b>Phthalate</b>	<i>No data available</i>
<b>Preservative</b>	<i>No data available</i>
<b>Process</b>	ilmenite → digestion by sulfuric acid → crystallization, centrifuge, precipitation, filtration, calcination, milling, surface treatment, filtration, drying, milling
<b>REACH</b>	This product is registered 01-2119489379-17
<b>Residual Solvents</b>	No residual solvents are expected
<b>RSPO</b>	This product doesn't contain palm or palm oil derivates – not concerned
<b>Shelf Life before re-check</b>	5 years
<b>Substances of Very High Concern (SVHC)</b>	This product doesn't contain any SHVC at a concentration above 0.1%
<b>Volatiles organic compounds (VOC)</b>	<i>No data available</i>

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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.*