

PRODUCT SPECIFICATION

DATE OF ISSUE
27-03-2024

NATUURLIJK
NATUURLIJK
special food ingredients

TALC POWDER (E553b)

PRODUCT
CODE: 80

1. PRODUCT IDENTIFICATION

1.1 Supplier product information

Product name	Talc powder		
Product code	80		
Product number	Content	EAN	Packaging
1812	60g	8718309833251	Plastic jar and screw lock cap with warranty seal.  Jar =  Cap =
1813	150g	8718309833268	
1814	700g	8718309833275	
1816	4kg	8718309833299	Plastic bucket with warranty closure.  Bucket =  Lid =
1815	10kg	8718309833282	Blue bag =  in box with warranty seal.

1.2 Scientific product information

Single ingredient

Main use	dusting powder, anticaking agent and release agent
Chemical name	100% natural, Magnesium Silicate
Chemical formula	$Mg_3Si_4O_{10}(OH)_2$

1.3 Legislative product information

CAS number	14807-96-6	HS code (customs)	2526 20 00 00
EU food additive	E553b		
Country of Origin	The Netherlands		
Organic products	For the purposes of Article 24(2)(a) of Regulation (EU) 2018/848, this product (as listed in Annex V, Part A of Regulation (EC) No 2021-1165), may be used as a food additive or processing aid in the production of processed organic food.		

2. PRODUCT INFORMATION

2.1 Physical and Chemical properties

	Unit	Specification	Method
Appearance		very fine powder	
Colour		white	
Odour/taste		Odourless, tasteless	
Bulk density	g/cm ³	0,5-0,85	
Solubility		not soluble	

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Acid Soluble	%	< 2,5	FCC10
Melting point	°C	1.300	
pH		8-10	100 g/l at 20°C
Loss on Ignition	%	1,0	800 °C, FCC
Moisture	%	0,2	105°C, ISO787/2
Whiteness Ry	%	92	DIN53163
Top Cut Sedigraph	µm	40	D98% ISO13317
Median PSD Sedigraph	µm	14	D50% ISO 13317
Top Cut Sympatec Helos	µm	86	X98% ISO 13320
Median PSD Sympatec Helos	µm	21	X50% ISO 13320
BET Surface Area	m² /g	1,98	

2.2 Microbiological data

Total plate counts	Cfu/g	<10	This product is resistant to the growth of micro-organisms.
Yeast and moulds	Cfu/g	<10	

2.3 Chemical analyses

Arsenic (As)	mg/kg	1	ICP
Lead (Pb)	mg/kg	<2	ICP

2.4 Nutritional Information

2.4.1 Nutritional Values

Energy	kJ/100g		
Energy	kcal/100g		
Protein	g/100g		
Carbohydrate:	g/100g		
Of which Sugars	g/100g		
Polyols	g/100g		
Starches	g/100g		
Others	g/100g		
Fat:	g/100g		
Of which Saturated	g/100g		
Mono-unsaturated	g/100g		

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Poly-unsaturated	g/100g		
Transfatty acids	g/100g		
Cholesterol	mg/100g		
Water	g/100g		
Organic acid	g/100g		
Dietary fiber	g/100g		

2.4.2 Minerals

Sodium (Na)	mg/100g		
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3. FOOD INTOLERANCE

3.1 Allergens

Yes = ✓ / No = ✗	Contains		
Eggs and products thereof	✗		
Cereals containing gluten and products thereof	✗		
Lupin and products thereof	✗		
Milk and products thereof (including Lactose)	✗		
Sesame seeds and products thereof	✗		
Nuts and products thereof (almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachios, macadamia nuts)	✗		
Sulphur dioxide and sulphites (>10mg/kg or >10mg/l)	✗		
Celery and products thereof	✗		
Peanuts and products thereof	✗		
Mustard and products thereof	✗		
Fish and products thereof	✗		
Molluscs and products thereof	✗		

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Soy and products thereof	X		
Crustacea and products thereof	X		
3.2 Suitability for other diets:			
Coeliacs	✓	Lactose intolerant	✓
Halal	✓	Vegans	✓
Kosher	✓	Vegetarian	✓
3.3 GMO Declaration:			
Talc powder does not contain genetically modified organisms and is not produced using raw materials of a genetically modified origin. At no stage during production does the product comes into contact with genetically modified organisms.			
3.4 Irradiation:			
Talc powder is not treated with ionizing radiation.			
3.5 BSE/TSE declaration:			
The used ingredients for Talc powder are not of animal origin. The processing equipment and the packing material which is used to manufacture, pack or fill the products into the packing units do not come into contact with any meat or meat-by product.			
3.6 Residual Solvents:			
Talc powder fully complies with the ICH requirements regarding residual solvents. No solvents are likely to be present.			
3.7 Animal testing:			
Talc powder is not tested on animals.			
3.8 Nanotechnology :			
No nanotechnology has been used in the production and processing of this product.			
4. STORAGE CONDITIONS			
Storage conditions	In closed original packaging. Must be kept cool and dry in a well-ventilated place.		
Shelf life	60 months after production, under the above mentioned conditions.		
5. FOOD SAFETY			
5.1 Hygiene:			
This product is produced in a facility wit an on HACCP based food safety system.			
5.2 Identifications of dangers:			
Classification of the substance (Regulation (EC) No 1272/2008)		Not classified. (non-hazardous)	

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6. EXTENDED PRODUCT INFORMATION

6.1 Usage

Talc powder is mainly used as a dusting powder, anticaking agent and release agent.

Applications:

- Gum base
- Anti caking
- Filler
- Aroma Carrier
- Glidant
- Polishing Agent
- Oil Filtration
- Waster Water Treatment
- Oil Absorption Aid

6.2 Dictionary

NL	The Netherlands	Talc, talkpoeder, magnesium silicaat, speksteen, zeepsteen
GB	Great Britain (UK)	Talc powder, Talcum powder, magnesium silicate
DE	Germany	Talkum, Talkum puder, Talkum pulver, Magnesiumsilikat, Speckstein, Seifenstein
FR	France	Poudre de talc
ES	Spain	polvo de talco
PT	Portugal	Pó de talco
IT	Italy	polvere di talco
DK	Denmark	talkumpulver
NO	Norway	talkumpulver
SE	Sweden	talkpulver
FI	Finland	talkkijauhetta
IS	Iceland	talkúmduft
CZ	Czech Republic	prášek z mastku
SK	Slovak Republic	prášok mastenca
HU	Hungary	talkum por
HR	Croatia (Hrvatska)	talk u prahu
GR	Greece	ταλκ σε σκόνη
SI	Slovenia	smukec v prahu
PL	Poland	talk w proszku
RO	Romania	puđră de talc
BG	Bulgaria	талк на прах
RU	Russian Federation	та́льк
TR	Turkey	Talk tozu

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7. DISCLAIMER

Although we take great care in setting up this product specification, we cannot accept any liability for the completeness and fully accurateness of the information provided. The content of this Product Specification is completed to the best of our knowledge.

This document does not dismiss the user of his legal obligations with respect to food safety.

This product specification replaces any previously issued specifications.