

THERMTEX[®] modified food starch

THERMTEX® is a chemically modified food starch refined from waxy maize.

Label Declaration Recommendation EU: Modified Starch

Codex: Modified Starch Please note the botanical origin of starch only needs to be declared if starch contains gluten.

Classification

EU: Food Additive E 1442 (Complies with Regulation (EC) 1333/2008 and Reg (EU) 231/2012)

Codex: Food Additive INS 1442 (Complies with the JECFA Monograph 27)

Storage and Handling

Store in a clean, dry, well-ventilated warehouse at ambient temperature and humidity, away from odorous materials.

Shelf Life

24 months from date of manufacture if stored correctly. Best before dates printed on each bag.

Safety Data

While not regarded as "Hazardous", food starches are fine organic powders and, as such, they can give rise to a nuisance dust which has the potential to cause a dust explosion. See Safety Data Sheet. This product has been produced in accordance with all relevant EU legislation and in compliance with the required EU standards for food safety and hygiene.

Chemical and Physical Properties

	Min	Max	Unit
Moisture as packed		15.0	%
pH 20% aqueous suspension	4.5	7.0	-
MVA Viscosity End	150	450	MVU

Physical Appearance	Typical
Colour	white / creamy
Form	fine powder

Microbiological Limits

	Max	Unit
TVC	10000	cfu / g
Yeast	200	cfu / g
Mould	200	cfu / g
E. coli	negative	/ g
Salmonella	negative	/ 25g

Additional Information

Contaminants:	Complies	with	Regulation	(EU)
2023/915				

Pesticides: Complies with Regulation (EC) 396/2005, as amended

Kosher Certificate	Yes
Halal Certificate	Yes
Sulfur Dioxide (SO2):	typical < 10 ppm

Legal Use Restriction E1442 products are not authorised for use in Category 13.1.3 Processed cerealbased foods and baby foods for infants and young children (defined by Directive 2006/125/EC), as per PART E of Regulation (EC) No 1333/2008.

Nutritional Data / 100 g

While this information is typical of the product it should not be considered a specification

	Typical	Unit
Energy	1527	kJ
	359	kcal
Fat	0	g
of which saturates	0	g
Carbohydrates	89.7	g
of which sugar	0	g
Fibre	0	g
Protein	0.1	g
Salt	0.26	g

Heavy Metals

	Typical	Unit
Arsenic	I	ррт
Lead	0.2	ррт
Cadmium	0.1	ррт
Mercury	0.1	ppm

Effective Date 15.11.2024

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