

ULTRA-SPERSE® 2000 modified food starch

ULTRA-SPERSE® 2000 is a pregelatinized, 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 | | 10.0 | % |
| pH 9% aqueous suspension | 4.5 | 7.0 | - |
| MVA Viscosity 15min | 500 | 910 | MVU |
| MVA Viscosity End | 250 | 500 | MVU |

| Physical Appearance | Typical |
|---------------------|----------------|
| Colour | white / creamy |
| Form | coarse 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 CertificateYesHalal CertificateYesSulfur Dioxide (SO2):typical < 10 ppm</th>

Legal Use Restriction E1442 products are not authorised for use in Category 13.1.3 Processed cereal-based 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 | 1518 | kJ |
| | 363 | kcal |
| Fat | 0 | g |
| of which saturates | 0 | g |
| Carbohydrates | 90.5 | g |
| of which sugar | 0 | g |
| Fibre | 0 | g |
| Protein | 0.1 | g |
| Salt | 0.58 | g |

Heavy Metals

| | i ypicai | Unit |
|---------|----------|------|
| Arsenic | 1 | ppm |
| Lead | 0.2 | ppm |
| Cadmium | 0.1 | ppm |
| Mercury | 0.1 | ppm |

Effective Date 11.06.2025 Next Review: 2028

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