



## UNI-PURE® IMF 255I food starch

UNI-PURE® IMF 255I is a pregelatinized food starch refined from waxy maize and specifically designed for infant milk formulae.

### Label Declaration Recommendation

Starch

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

### EU Classification

Food Ingredient

### 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 <i>as packed</i> |     | 10.0 | %    |
| pH 9% aqueous suspension  | 7.0 | 9.0  | -    |
| MVA Viscosity 3 min       | 110 | 180  | MVU  |
| MVA Viscosity End         | 145 | 200  | MVU  |
| Nitrite                   |     | 10   | ppm  |

### Microbiological Limits

|                         | Max      | n*   | Unit  |
|-------------------------|----------|------|-------|
| TVC (30°C)              | 1000     | 5    | cfu/g |
| TVC (55°C)              | 1000     | 5    | cfu/g |
| Yeast & Mould           | 100      | 5    | cfu/g |
| E. coli                 | negative | 5    | /g    |
| Salmonella              | negative | 30   | /25g  |
| Bacillus cereus         | 10       | 5    | cfu/g |
| Coliforms               | < 0.3    | 5    | MPN/g |
| Clostridium perfringens | 10       | 5    | cfu/g |
| Enterobacteriaceae      | negative | 10   | /30g  |
| Cronobacter spp.        | negative | 30   | /10g  |
| S. aureus               | negative | 5    | /g    |
| Listeria monocytogenes  | negative | 10   | /25g  |
| NFPA                    |          | pass |       |

\* number of samples to be taken and analysed

### Physical Appearance

Colour

Form

Typical  
white /creamy  
fine powde

### Additional Information

**Contaminants** Complies with Regulation (EC) 1881/2006, as amended

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

**Kosher Certificate** Yes

**Halal Certificate** Yes

**Sulfur Dioxide (SO2)** typical < 10 ppm

### Nutritional Data / 100 g

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

|                    | Typical | Unit |
|--------------------|---------|------|
| Energy             | 1527    | kJ   |
|                    | 365     | kcal |
| Fat                | 0       | g    |
| of which saturates | 0       | g    |
| Carbohydrates      | 91.1    | g    |
| of which sugar     | 0       | g    |
| Fibre              | 0       | g    |
| Protein            | 0.1     | g    |
| Salt               | 0.09    | g    |

### Heavy Metals

|         | Typical | Unit |
|---------|---------|------|
| Arsenic | 0.5     | ppm  |
| Lead    | 0.05    | ppm  |
| Cadmium | 0.05    | ppm  |
| Mercury | 0.05    | ppm  |

This document is issued on behalf of the Ingredion EMEA Company which is supplying the product. The Ingredion EMEA Companies are part of the Ingredion group of companies. The respective details of each of the Ingredion EMEA Companies are as follows:

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