

|   |   |   |
|---|---|---|
|  | <b>PRODUCT SPECIFICATION</b>                  |  |
|   | <b>PRODUCT NAME</b><br>FLAX FLOUR<br>DEFATTED |   |

### 1) GENERAL DESCRIPTION

|         |                               |
|---------|-------------------------------|
| Product | <i>Linum usitatissimum L.</i> |
| Origin  | UE                            |

### 2) NUTRITIONAL VALUES in 100 g (Average Values - Source: USDA Nutrient Database)

|                   |          |
|-------------------|----------|
| Energy value      | 536 kcal |
| Carbohydrate      | 36 g     |
| • Sugar           | 3 g      |
| • Dietary fibre   | 33 g     |
| Protein           | 31 g     |
| Fat               | 10 g     |
| • Monounsaturated | 1.8 g    |
| • Polyunsaturated | 7.0 g    |
| • Saturated       | 1.2 g    |
| • Ω3              | 5.4 g    |
| • Ω6              | 1.6 g    |
| • Ω9              | 1.7 g    |
| Mineral           | 6.3 g    |
| Sodium            | 28g      |
| Cellulose         | 10 g     |

### 3) CHEMICAL-PHYSICAL PARAMETERS

|            |  |
|------------|--|
| Appearance | Golden yellow or brownish, depending on the type of flax, micronized flour |
| Smell      | Characteristic aromatic, no off smell.                                     |
| Taste      | Characteristic, no off taste   |

### 4) MICROBIOLOGICAL PARAMETERS

|                               |  |
|-------------------------------|--|
| Heavy metal                   | Pb < 0,1 mg/kg; Cd < 0,1 mg/kg; As < 0,1 mg/kg; Cu < 0,1 mg/kg; Fe < 1,5 mg/kg |
| Pesticides                    | < 0,010 ppm come da reg 834/2007 e 889/2008                                    |
| Dioxin PCB on the fat portion | Total Dioxin < 0,75 pg/g<br>Total Dioxin – like PCB < 1,25 pg/g                |
| Total plate count             | < 10.000 ufc/g   |
| Coliform                      | < 10 ufc/g   |
| Yeasts and moulds             | < 100 ufc/g  |
| Enterobacteriae               | < 10 ufc/g   |
| Salmonelle                    | Absenti in 25g   |

### 5) BIOLOGICAL PARAMETERS

|     |        |
|-----|--------|
| GMO | Absent |
|-----|--------|

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#### 6) CERTIFICATIONS

|                     |     |
|---------------------|-----|
| Organic Agriculture | Yes |
| NOP                 |     |
| Bio Suisse          |     |
| JAS                 |     |
| Kosher              |     |
| BRC                 |     |

#### 7) STORAGE AND TRANSPORT CONDITIONS

|         |  |
|---------|--|
| Storage | Store in a cool and dry place. Protect from humidity, heat and source of possible cross contamination. |
| Notes   | Product stored in dedicated warehouse with controlled temperature                                      |

#### 8) PACKAGING AND SHELF LIFE

|             |   |
|-------------|---|
| Packaging   | Polypropylene bag food grade                          |
| Net weight  | 15 kg   |
| Shelf -life | Best before date within 12 months from the production |

#### 9) SAFETY MEASURES

|                                     |   |
|-------------------------------------|---|
| CAS registry number                 | N.A.  |
| Safety data sheet provided          | No  |
| Legislation reference               | Reg. CE 1272/2008 does not state any safety measures for this type of product |
| Active ingredient                   | None  |
| Hazard statements                   | None  |
| Prevention precautionary statements | None  |

#### 10) REFERENCE LEGISLATION

- Regulation (EC) No. 834/2007 "Production and labelling of organic products"
- Regulation (EC) No. 853/2004 "Hygiene of food products"
- Regulation (EC) No. 1169/2011 "Provision of food information to consumers"
- Regulation (EC) No. 1935/2004 "Food Contact Materials"
- Regulation (EC) No. 1881/2006 "Maximum levels of certain contaminants in food products"

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### 11) ALLERGENS

| Allergens  | Existing inside the product | Existing in the production line | Existing in the storage place | Existing risk of contamination |
|--|-----------------------------|---------------------------------|-------------------------------|--------------------------------|
| Cereals containing gluten: wheat, rye, barley, oat, spelt, khorasan and derived products   | NO                          | NO                              | YES                           | NO                             |
| Shellfish and derived products   | NO                          | NO                              | NO                            | NO                             |
| Molluscs and derived products  | NO                          | NO                              | NO                            | NO                             |
| Eggs and derived products  | NO                          | NO                              | NO                            | NO                             |
| Fish and derived products  | NO                          | NO                              | NO                            | NO                             |
| Peanuts and derived products   | NO                          | NO                              | NO                            | NO                             |
| Soy and derived products   | NO                          | YES                             | YES                           | YES                            |
| Lupin and derived products   | NO                          | NO                              | YES                           | NO                             |
| Milk and derived products (included lactose)   | NO                          | NO                              | NO                            | NO                             |
| Fruit with shell: almonds ( <i>Amigdalus communis L.</i> ), hazelnuts ( <i>Corylus avellana</i> ), walnuts ( <i>Juglans regia</i> ), cashew nuts ( <i>Anacardium occidentale</i> ), pecan nuts [ <i>Carya illinoesis (Wangenh) K.Koch</i> ], Brasile nuts ( <i>Bertolletia excelsia</i> ), pistachio ( <i>Pistacia vera</i> ), Macadamia nuts ( <i>Macadamia ternifolia</i> ) and derived products | NO                          | NO                              | YES                           | NO                             |
| Celery and derived products  | NO                          | NO                              | YES                           | NO                             |
| Mustard and derived products   | NO                          | NO                              | YES                           | NO                             |
| Sesame seeds and derived products  | NO                          | NO                              | YES                           | NO                             |
| Sulphur dioxide and sulphites up to 10 mg/kg or 10 mg/l as SO <sub>2</sub>   | NO                          | NO                              | NO                            | NO                             |

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| Editing       | Control       | Approval      | Last revision |
| February 2020 | February 2020 | February 2020 | February 2020 |