

# Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2015/830



Revision Date: 16-03-2021

This document replaces SDS dated: 16-03-2021

## VITESSENCE PULSE 1803 Pea Protein

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1 Product identifier:** VITESSENCE PULSE 1803 Pea Protein

**Other means of identification:**

**Cas No.:** UNASSIGNED

**REACH Registration No.:** This product is exempt from REACH

**Chemical family:** Protein

**1.2 Relevant identified uses of the substance or mixture and uses advised against:**

**Relevant identified uses:** Food ingredient

**Uses advised against:** Not Available

**1.3 Details of the Supplier of the Safety Data Sheet:** The relevant Ingredion EMEA Company which invoices for the Product – please see Section 16

**Email of person responsible for Safety Data Sheets:** elizabeth.fawkes@ingredion.com

**1.4 Emergency telephone number:** EMERGENCY TELEPHONE: +1 703-741-5970 / 1-800-424-9300

### SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture:**

**Classification according to Regulation (EC) No 1272/2008 [CLP]:** Not classified as hazardous in accordance with CLP

**2.2 Label elements:**

**Labelling according to Regulation (EC) No 1272/2008 [CLP]:**

**Hazard pictograms:** No hazard symbols required

**Signal Word:** No Signal Word needed.

**Hazard Statements:** No Hazard Statement needed.

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**Precautionary Statements:** No Precautionary Statement needed.

**Supplemental Hazard information (EU):** None known.

### 2.3. Other hazards

**DUST** Nuisance dust with a possibility of dust explosion.  
**EYE** Particulates may scratch eye surfaces and cause mechanical irritation.  
**SKIN CONTACT** Low order of toxicity.  
**INHALATION** This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m<sup>3</sup>.  
**INGESTION** Low oral toxicity.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances:

Chemical Name	%	CAS #	EC No. REACH Registration No.	Classification (EC) No 1272/2008	M Factor	SCL	Acute Toxicity Estimates
This product is not classified as hazardous							

### 3.2 Mixtures:

Not applicable

For full text of H-statements see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

**Inhalation:** Remove to fresh air. Get medical attention if irritation persists.  
**Eye contact:** If symptoms develop, obtain medical attention. Remove particles by

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<b>Skin Contact:</b>	irrigating with eye wash solution or clean water, holding the eyelids apart. Wash skin with soap and water.
<b>Ingestion:</b>	None required.
<b>Self protection of the first aider:</b>	No data available
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	Nuisance dust with a possibility of dust explosion.
<b>4.3 Indication of any immediate medical attention and special treatment needed:</b>	None known.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media:

**Suitable extinguishing media:** Dry Chemical., Carbon dioxide (CO2)., Water Fog., Foam.

**Unsuitable extinguishing media:** None known.

#### 5.2 Special hazards arising from the substance or mixture:

**Fire and/or Explosion Hazards:** Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

**Hazardous Combustion Products:** This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

**5.3 Advice for firefighters:** No special procedures are required.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

**Non-emergency personnel:** Non-emergency personnel should be kept clear of the area

**Emergency responders:** Use personal protective equipment as required.

**6.2 Environmental precautions:** Not applicable

#### 6.3 Methods and material for containment and cleaning up:

**Small spills:** Refer to information provided for large spills

**Large spills:** Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

**6.4 Reference to other sections:** See Section 8 for appropriate personal protective equipment. See Sections 2

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and 7 for additional information on hazards and precautionary measures.

### SECTION 7: Handling and storage

- 7.1 Precautions for safe handling:** As with all chemicals, good industrial hygiene practices should be followed when handling this material.
- 7.2 Conditions for safe storage, including any incompatibilities:**
- Conditions for safe storage:**
- Special Sensitivity:** Not available
- Sensitivity to Static Electricity:** Yes
- Other precautions:** Use care to minimise dust generation in normal use conditions.  
Avoid dispersing the powder in the air. Prevent build-up of powder on surfaces.
- Materials to avoid:** None known.
- Materials to Avoid/Chemical Incompatibility:** No data available
- 7.3 Specific end use(s):** Food ingredient

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters:

#### Occupational Exposure limit values:

COMPONENT	EXPOSURE LIMITS	EC INDICATIVE OCCUPATIONAL EXPOSURE LIMIT VALUES
Starch	10 mg/m <sup>3</sup> TWA (total inhalable) 4 mg/m <sup>3</sup> TWA (respirable)	Not available

**DNEL:** None known.

**PNEC:** None known.

#### 8.2 Exposure controls:

**Appropriate engineering controls:** No data available

**Individual protection measures, such as personal protective equipment:**

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<b>Eye and face protection:</b>	Safety glasses recommended.
<b>Skin Protection:</b>	
<b>Hand protection:</b>	Protective clothing is normally not necessary for foreseeable conditions of use.
<b>Other skin protection:</b>	Not applicable.
<b>Respiratory Protection:</b>	No data available
<b>Respirator Type(s):</b>	Use approved dust mask.
<b>Other Protective Equipment:</b>	Wash before eating, drinking, or using toilet facilities.
<b>General Hygiene Conditions:</b>	Not normally required.
<b>Thermal Hazards:</b>	Not available
<b>Environmental exposure controls:</b>	Avoid runoff into storm sewers and ditches that lead to waterways.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties:

<b>Appearance:</b>	Powder.
<b>Colour:</b>	yellow
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not available
<b>pH:</b>	Not available
<b>pH in (1%) Solution:</b>	Approximately 6.5
<b>Melting Point/Freezing Point (°C):</b>	
<b>Melting point (°C):</b>	Not available
<b>Freezing point (°C):</b>	No data available
<b>Initial boiling point and boiling range (°C):</b>	No data available
<b>Flash point:</b>	No data available
<b>Flash point method:</b>	Not available
<b>Evaporation Rate (water = 1):</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	

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Upper flammable or explosive limit, % in air:	Not available
Lower flammable or explosive limit, % in air:	Not available
Vapour pressure:	Not available
Vapour Density (Air=1):	Not available
Relative density (water = 1):	Not available
Solubility(ies):	Slightly soluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (°C):	No data available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidizing properties:	Not available
<b>9.2 Other information:</b>	
Solids:	Not available
Volatiles:	None
Volatile Organic Compounds:	Not applicable

### SECTION 10: Stability and reactivity

10.1 Reactivity:	Not expected to be reactive
10.2 Chemical stability:	Stable
10.3 Possibility of hazardous reactions:	Hazardous polymerization will not occur.
10.4 Conditions to avoid:	None known.
10.5 Incompatible materials:	No data available
10.6 Hazardous decomposition products:	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

### SECTION 11: Toxicological information

11.1 Information on toxicological effects:

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### Acute toxicity:

Based on available data, the GHS classification criteria are not met.

### Skin corrosion/irritation:

Based on available data, the GHS classification criteria are not met.

Unlikely to cause harmful effects under recommended conditions of handling and use.

Low order of toxicity.

### Serious eye damage/irritation:

Based on available data, the GHS classification criteria are not met.

### Respiratory or skin sensitisation:

Based on available data, the GHS classification criteria are not met.

### Germ cell mutagenicity:

Based on available data, the GHS classification criteria are not met.

### Carcinogenicity:

Based on available data, the GHS classification criteria are not met.

### Reproductive toxicity:

Based on available data, the GHS classification criteria are not met.

### STOT-single exposure:

Not available

### STOT-repeated exposure:

Not available

### Aspiration hazard:

Based on available data, the GHS classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity:

None expected

### Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50
No ecotoxicity data available				

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### 12.2 Persistence and degradability:

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: Unknown

12.5 Results of PBT and vPvB assessment: Not expected to be PBT or vPvB.

12.6 Other adverse effects: None known.

12.7 Additional information: No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods:

**Disposal methods:** Waste disposal should be in accordance with existing Community, National and local regulations.

**Empty Container Warnings:** Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

## SECTION 14: Transport information

### International carriage of dangerous goods by road (ADR), rail or inland waterways:

14.1 UN number: Not Applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not Applicable

14.4 Packing group: Not applicable

### International carriage of dangerous goods by sea (IMDG/IMO):

14.1 UN number: Not Applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

### International carriage of dangerous goods by air (IATA):

14.1 UN number: Not Applicable

14.2 UN proper shipping name: Not Applicable



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- 14.3 Transport hazard class(es): Not applicable
- 14.4 Packing group: Not applicable
- 14.5 Environmental hazards: Not available
- 14.6 Special precautions for user: Consult IMO regulations before transporting in bulk by ocean.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not available

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Chemical Name	EC No.	SVHC
None of the components are listed on this regulatory list		

- 15.2 Chemical Safety Assessment No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: Other information

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Indication of changes: None known.

Abbreviations and acronyms:

- CAS = Chemical Abstract Service
- DNEL= Derivative No Effect Level
- EC= European Community
- EINECS = European Inventory of Existing Chemical Substances
- MSHA = Mine Safety Health Administration
- NIOSH = National Institute of Occupational Safety & Health
- OEL = Occupational Exposure Limit
- PBT= Persistent, Bioaccumulative, Toxic
- PNEC= Predicted No Effect Concentration
- SCOEL= Scientific Committee on Occupational Exposure Limits
- TLV = Threshold Limit Value
- TWA= Time Weighted Average
- vPvB= Very Persistent, Very Bioaccumulative

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Wt.% = Weight Percent

Hazard phrase(s) referenced in section 3

No data available

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Not available	Not available

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This document is issued on behalf of the Ingredion EMEA Company which is the Supplier invoicing for the Product. The respective details of each of the relevant Supplier companies are as follows:

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