



Protein Plus

PRODUCT DATA

Provon® 295 IP is a premium instantised Identity Preserved (IP) whey protein isolate derived from sweet Irish whey. The whey proteins have been extracted in a highly purified, undenatured form using CFM (cross-flow microfiltration) membrane technology. Provon's nutritional properties combined with its high solubility, neutral flavour and unique functionality make it the protein of choice for a variety of applications. Provon® 295 IP is an agglomerated form of Provon, this process enables the protein to disperse easily in milk or juice with hand stirring. NOTE: All data is preliminary and subject to change.

TYPICAL ANALYSIS

Protein, dry basis	>92%
Protein, as is	>88%
Moisture	<5.0%
Fat	<1.3%
Minerals	<3.5%
Lactose	<1.0%
pH	6.0 - 6.5

SUGGESTED LABELING

- Whey protein isolate, soya lecithin
- Allergen information: contains milk and soya ingredients
- Kosher and Halal approved

PRODUCT CHARACTERISTICS

- Excellent nutritive value
- Soluble over a wide pH range
- Neutral flavour

SUGGESTED USES

- Fortified beverages
- Sports beverages
- Nutritional dry mixes
- Dietetic products

NUTRITIONAL INFORMATION / 100G

Calories	370
Calories from Fat	8.0
Total Fat	0.9 g
Saturated Fat	0.3 g
Polyunsaturated Fat	0.3 g
Monounsaturated Fat	0.40 g
Trans Fatty Acid	<0.1 g
Cholesterol	<10 mg

Total Carbohydrate	2.5 g
Dietary Fibre	-
Sugars	0.9 g

Protein (as is)	88.0 g
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Vitamin A	-
Vitamin C	-
Thiamin	-
Niacin	-
Riboflavin	-

Calcium	530 mg
Sodium	230 mg
Potassium	460 mg
Magnesium	120 mg
Iron	0.9 mg
Phosphorus	290 mg
Chlorine	32 mg

MICROBIOLOGICAL ANALYSIS

Standard Plate Count	<10,000 cfu/g
Coliform	<10 cfu/g
Yeast and Mould	<50 cfu/g
Coag. Pos. Staph	<10 cfu/g
Salmonella	Negative/375g
Listeria	Negative/50g

TYPICAL AMINO ACID PROFILE / 100G POWDER

Aspartic Acid	11.4
Threonine	7.0
Serine	4.4
Glutamic Acid	17.5
Glycine	1.8
Alanine	4.7
Valine	5.4
Isoleucine	6.8
Leucine	10.7
Tyrosine	3.0
Phenylalanine	3.0
Histidine	1.7
Lysine	10.4
Arginine	2.1
Proline	5.9
Cysteine	2.6
Methionine	2.3
Tryptophan	2.1

PACKAGING AND STORAGE

Multi-wall, Kraft paper sacks, having inner food grade polyethylene liner

Net weight 15 kg or 20 kg (33.069 lbs or 44.092 lbs)

Dimensions 96.5 x 46 x 17 (cms)
40 bags per pallet

Wooden Pallet: Shrink-wrapped
Pallet Size: 100 x 120 (cms)
Built Pallet Dimension Guidelines
(160-180)(H) x 104 x 124 (cms)

Store in a cool, dry, clean environment below 25° C (77° F) and at relative humidity below 65%. Keep away from strong odours and other contaminants.

Use stocks in rotation for up to two years



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ALLERGEN STATEMENT

ALLERGEN FOOD SOURCE OR ITS DERIVATIVES

ABSENT

PRESENT

SOURCE

Cereals containing gluten
and products thereof

Yes

Crustaceans and products
thereof

Yes

Eggs and products thereof

Yes

Fish and products thereof

Yes

Peanuts and products
thereof

Yes

Soya beans and products
thereof

No

Yes

Soya Lecithin

Milk and dairy products
(including lactose)

No

Yes

Bovine

Nuts and nut products

Yes

Sesame seeds and products
thereof

Yes

Celery and products thereof

Yes

Mustard and products
thereof

Yes

Sulphite at concentrations
of at least 10 mg/kg

Yes

Lupine and products thereof

Yes

Mollusc and products
thereof

Yes

This list was compiled in accordance with EU Directive 2007/68/EC.

The list is not exhaustive and is only intended as a guide. It is recommended that a questionnaire should be completed if more extensive allergen information is required.

Issue Date: Nov 2014
Version No: 1

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GMO FREE STATEMENT

No genetically modified organisms (GMOs) or GMO derived products are used in the manufacture of Provon[®] 295 IP, therefore in accordance with current EU legislation 1829/1830 2003 the product is not required to be labelled as GMO or GMO derived.

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MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

TRADE NAMES/SYNONYMS: Provon[®] 295 IP

PRODUCT DESCRIPTION: Provon[®] 295 IP is a premium instantised Identity Preserved (IP) whey protein isolate derived from sweet Irish whey.

FORMULA: N/A

II. HAZARDS IDENTIFICATION

The product is an organic powder with a low toxicity rating and has a very slight risk of dust explosions. Prolonged or repeated contact may cause slight irritation to the skin, eyes and respiratory tract.

III. FIRST AID MEASURES

Inhalation: Remove to fresh air. Consult a physician if necessary.

Eye contact: Flush immediately with sterile water for 15 minutes. Contact a physician if irritation persists.

Ingestion: If large quantities are consumed, give water, if necessary consult a physician.

IV. FIRE FIGHTING MEASURES

Extinguishing media: CO₂, dry chemical powder, foam or water spray.

Special safety protection: Use independent breathing apparatus and protective clothing to prevent contact with skin and eyes.

Special hazards: Slight risk of dust explosion, if mixture of dust and air ignited in confined space. Dispose of fire residue and contaminated firewater in compliance with regulations.

V. ACCIDENTAL RELEASE MEASURES

General measures: Wear protective clothing and proper safety equipment.

Specific measures: Spillage should be cleaned up as soon as possible: dry or wet cleaned. Avoid dust generation. Proper disposal according to local regulations. Do not discharge into drains or waterways.

VI. HANDLING AND STORAGE

Technical measures: Keep containers tightly closed and upright when not in use. Take precautionary measures against electrostatic charging.

Storage conditions: Store in a cool, dry well ventilated area away from any heat and light sources.

VII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls

General protection and hygiene measures. The usual precautionary measures taken with chemicals are to be noted. Control airborne dust concentrations below exposure limits.

Personal Protective Equipment

Respiratory protection: None generally required. If desired, use of personal dust mask to avoid inhalation. When conditions of use create exposure to dust, use of an approved dust respirator may be necessary.

Hand protection: If necessary, use protective gloves.

Eye protection: Wear goggles to prevent contact with eyes.

Components with workplace control parameters

N/A

VIII. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dried powder	BOILING RANGE:	N/A
SOLUBILITY AGENT:	Water	FREEZING RANGE:	N/A
VAPOUR PRESSURE:	N/A	SPECIFIC GRAVITY:	N/A

IX. STABILITY AND REACTIVITY

Stability: This product presents no significant reactivity hazard. It is stable and will not react with water.

Avoid: Extensive warming, light, gradual decomposition
Humidity
Contact or contamination with strong acids, bases or oxidising agents
Dust explosion is possible

Hazardous decomposition products: Thermal decomposition could produce oxides of N, S, C and also HCL, HCN could be released

X. TOXICOLOGICAL INFORMATION

N/A

XI. ECOLOGICAL DATA

General references: Product has to be pretreated before waste disposal

XII. WASTE DISPOSAL CONSIDERATION

Product: Observe local/national regulations regarding waste disposal

Packaging: Disposal in accordance with the regulations

XIII. TRANSPORT INFORMATION

Not classified as hazardous material under transport regulations

XIII. HAZARD CLASSIFICATION

Marking after EU classification/National directions - N/A

Environmental precautions: Keep spillages away from drains. The relevant authority should be informed of any spillage to watercourse or drain.

XV. OTHER STATEMENTS

The information provided in this safety data sheet is a recommendation and is believed to be accurate and represents the best information available to us at the time of publication. It is given in good faith. However, no guarantee or warranty of any kind, expressed or implied, is made with the respect to the information contained herein. Moreover, the attention of the user is drawn on the possible hazards linked to the use of the product for other uses than the ones it is intended for. The customer must satisfy himself or herself that the product is entirely suitable for their own purposes.