

Section 1 - Identification

Product identifier:

Product Number: 70000518
Product Name: VITESSENCE(R) Prista P 155 protein

Other means of identification:

Chemical family: Protein

Recommended use of the chemical and restrictions on use:

Recommended use: Food products
Restrictions on use: Not Available

Details of manufacturer or importer:

National Starch Pty Ltd
New Zealand Branch
Unit 5, 706 Great South Road
Penrose Auckland 1642
New Zealand
Tel: +64 9 582 0284 (business hours)

Emergency phone number:

CHEMTREC - Emergency Telephone (Medical & Transport Incident With Product- 7Days/24 Hours)
The global (outside US) number: +1 703-741-5970
Australia: +(61)-290372994
China: 4001-204937
India: 000-800-100-7141*
Indonesia: 001-803-017-9114*
Japan: +(81)-3-4520-9637
Malaysia: +(60)-392125794
New Zealand: +(64)-98010034
Philippines: +(63) 2-395-3308, 1-800-1-322-0553*
Singapore: +(65)-31638374, 800-101-2201*
South Korea: +(82) 070-7686-0086, 080-880-0454*
Taiwan: +886-2-7741-4207*, 00801-49-1821*
Thailand: 1800014808*
Vietnam: +(84)-444581938
* Phone numbers for countries marked with an asterisk must be dialed within the country
SDS Requests and general information, please contact Local Customer Service: See phone numbers in Section 16

Classification of the hazardous chemical:

GHS Hazard Symbols: No hazard symbols required

GHS Classification: Not classified as hazardous in accordance with the Hazardous Substances and New Organisms Act

Signal Word: No signal word needed.

Hazard Statements: No Hazard Statement needed.

Precautionary Statements: No Precautionary Statement needed.

Hazards not otherwise classified: None known.

Section 3 - Composition/information on ingredients

Substance:
Not applicable

Mixture:

| Chemical Name | Common name and synonyms | CAS No. | Concentration (% by weight) |
|--------------------------|--------------------------|---------|-----------------------------|
| No hazardous components. | | | |

Section 4 - First-aid measures

Description of necessary first aid measures:

Inhalation: Remove to fresh air. Get medical attention if irritation persists.

Eye Contact: Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If symptoms develop, obtain medical attention.

Skin Contact: Wash skin with soap and water.

Ingestion: None required.

Most important symptoms and effects, acute and delayed, caused by exposure: Possible physical irritant from dust particles. Possible physical irritant from dust particles. Potential for dust explosion.

Medical attention and special treatment: No further first aid information is available.

Section 5 - Fire-fighting measures

Suitable extinguishing equipment:

Suitable extinguishing media: Dry Chemical, Carbon dioxide, Water Fog, Foam

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical:

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.

Special protective equipment and precautions for fire-fighters:

No special procedures are required.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as required.

Environmental precautions:

No data available

Methods and materials for containment and cleaning up:

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.

Section 7 - Handling and storage

Precautions for safe handling:

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Keep container closed when not in use.

Static Sensitivity: Yes

Other precautions:

Use care to minimize dust generation in normal use conditions.

Avoid dispersing the powder in the air. Prevent buildup of powder on surfaces.

Materials to Avoid/Chemical Incompatibility:

None known

Section 8 - Exposure controls/Personal protection

Exposure control measures:

| Chemical Name | New Zealand - Occupational Exposure Standards - TWA | New Zealand - Occupational Exposure Standards - STEL | New Zealand - Occupational Exposure Standards - CEIL | New Zealand - Biological Exposure Limit - BEL |
|-------------------|---|--|--|---|
| No data available | | | | |

This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m³.

Engineering controls: General.

Individual protection measures, for example personal protective equipment (PPE):

Respiratory protection: NIOSH approved dust mask.

Eye and face protection: Safety glasses recommended.

Skin protection: Skin protection may be required depending on product temperature.

Gloves: Gloves are not normally required for foreseeable conditions of use.

Other protective equipment: Not normally required. Not applicable.

General hygiene conditions: Wash before eating, drinking, or using toilet facilities.

Section 9 - Physical and chemical properties

Appearance (physical state, colour etc.):

Pure Substance or Mixture: Pure

Physical State: Powder

Colour: Pale Yellow

Odour: Characteristic

Odour Threshold: Not available

pH: Not available

pH in (1%) Solution: Not available

Melting point/freezing point:

Melting Point: Not available

Freezing point: Not available

Initial boiling point and boiling range: Not available

Flash Point: Not applicable

Flammability (solid, gas): No

Upper/lower flammability or explosive limits:

Upper flammability or explosive limits: Not available

| | |
|---|-------------------|
| Lower flammability or explosive limits: | Not available |
| Vapour pressure: | Not available |
| Vapour density: | Not available |
| Relative density: | No data available |
| Solubility: | Slightly soluble |
| Partition coefficient: n-octanol/water: | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | Not available |
| Kinematic viscosity: | Not applicable |
| Particle Characteristics: | Not applicable |

Section 10 - Stability and reactivity

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|-------------------------------------|---|
| Reactivity: | Not expected to be reactive. |
| Chemical stability: | Stable |
| Possibility of hazardous reactions: | Hazardous polymerization will not occur. |
| Conditions to avoid: | None known |
| Incompatible materials: | None known |
| 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

Description of the various toxicological (health) effects and the available data used to identify those effects:

| | |
|---|---|
| Information on possible routes of exposure: | Ingestion, Inhalation, Skin Contact, Eye Contact |
| Target Organs Potentially Affected By Exposure: | Not applicable. |
| Early onset symptoms related to exposure: | No data available |
| Toxic Effects: | This product is considered as being non-toxic. Use of good industrial hygiene practices is recommended. |
| Exposure levels and health effects: | |
| Acute toxicity: | |
| Ingestion Toxicity: | Based on available data, the GHS classification criteria are not met. |
| Acute toxicity - Dermal: | Based on available data, the GHS classification criteria are not met. |
| Inhalation 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. |
| Serious eye damage/irritation: | Based on available data, the GHS classification criteria are not met. |
| Respiratory sensitisation: | Based on available data, the GHS classification criteria are not met. |
| 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: | No. |
| Reproductive Toxicity: | No. |
| Specific Target Organ Toxicity (STOT)-single exposure: | Based on available data, the GHS classification criteria are not met. |
| Specific Target Organ Toxicity (STOT) -repeated exposure: | Based on available data, the GHS classification criteria are not met. |
| Aspiration hazard: | Based on available data, the GHS classification criteria are not met. |

Numerical measures of toxicity (such as acute toxicity estimates):

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|-----------|-------------|-----------------|
| There is no known toxicity data available for the components or the product. | | | |

Section 12 - Ecological information

Ecotoxicity: No information available.

Ecological Toxicity Data:

| Chemical Name | CAS No. | Aquatic LC50 Fish | Aquatic ERC50 Algae | Aquatic EC50 Crustacea |
|-------------------|---------|-------------------|---------------------|------------------------|
| No data available | | | | |

| | |
|---------------------------------------|-------------------|
| Persistence and degradability: | No data available |
| Bioaccumulative potential: | No data available |
| Mobility in soil: | Unknown |
| Other adverse effects: | None known. |

Section 13 - Disposal considerations

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|----------------------------------|---|
| Disposal methods: | Disposal should be in accordance with local, state or national legislation. |
| Empty container warnings: | Empty containers may contain product residue; follow SDS and label |

warnings even after they have been emptied.

Section 14 - Transport information

| | |
|--|---|
| UN number: | Not applicable |
| UN Proper shipping name: | Not applicable |
| UN dangerous goods class and subsidiary: | Not applicable |
| UN Packing group: | Not applicable |
| Toxic Inhalation Hazard Zone: | No data available |
| Environmental hazards (e.g., Marine pollutant): | No data available |
| Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): | No data available |
| HAZCHEM Code: | No data available |
| Special precautions for user: | Consult IMO regulations before transporting in bulk by ocean. |

Section 15 - Regulatory information

Safety, health and environmental regulations:

TSCA Status: This material is not on the TSCA Inventory. It is excluded under the Food, Drug, and Cosmetic Act.

FDA 21CFR 170.30(b) [Generally Recognized As Safe]

New Zealand - GHS Classifications - HSNO Chemical Classification Information Database (CCID)

| Chemical Name | CAS No. | New Zealand - GHS Classifications - HSNO Chemical Classification Information Database (CCID) |
|-------------------|---------|--|
| No data available | | |

New Zealand Inventory of Chemicals (NZIOC)

| Chemical Name | CAS No. | New Zealand Inventory of Chemicals (NZIOC) |
|-------------------|---------|--|
| No data available | | |

New Zealand - Priority List of Hazardous Substances

| Chemical Name | CAS No. | New Zealand - Priority List of Hazardous Substances |
|---------------|---------|---|
| | | |

| | | |
|-------------------|--|--|
| No data available | | |
|-------------------|--|--|

Montreal Protocol on Substances that Deplete the Ozone Layer

| Chemical Name | CAS No. | Montreal Protocol on Substances that Deplete the Ozone Layer |
|-------------------|---------|--|
| No data available | | |

Stockholm Convention on Persistent Organic Pollutants

| Chemical Name | CAS No. | Stockholm Convention on Persistent Organic Pollutants |
|-------------------|---------|---|
| No data available | | |

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

| Chemical Name | CAS No. | Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade |
|-------------------|---------|--|
| No data available | | |

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal

| Chemical Name | CAS No. | Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal |
|-------------------|---------|---|
| No data available | | |

Section 16: Other information

Revision Date: 08-06-2024
Supersedes: 02-13-2023
Revision Number: 4
Reason for revision: New
Key abbreviations or acronyms used: 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

Wt.% = Weight Percent

For Information Contact:

New Zealand: Ingredion ANZ Pty Ltd

Customer Service : +64-9-5820284 (Business Hours)

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