

## Section 1 - Identification

### Product identifier:

Product Number: 36164400  
Product Name: PenCare DP 1015  
modified starch

### Other means of identification:

Chemical family: Modified Starch

### Recommended use of the chemical and restrictions on use:

Recommended use: Personal Care  
Restrictions on use: Not Available

### Details of manufacturer or importer:

Ingredion ANZ Pty Ltd  
Suite 3.02 level 3, Building 1,  
Riverview Business Park,  
3 Richardson Place, North Ryde NSW 2113  
Tel : +612 9911 1200 (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  
Hong Kong: 800-968-793\*  
India: 000-800-100-7141\*  
Indonesia: 001-803-017-9114\*  
Japan: +(81)-3-4520-9637  
Malaysia: +(60)-392125794, 1-800-815-308\*  
New Zealand: +(64)-98010034  
Philippines: +(63) 2-395-3308, 1-800-1-116-1020\*  
Singapore: +(65)-31581349, 800-101-2201\*  
South Korea: +(82) 070-7686-0086, 00-308-13-2549\*  
Taiwan: +886-2-7741-4207\*, 00801-14-8954\*  
Thailand: 001-800-13-203-9987\*  
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 by GHS criteria

**Signal Word:**

No Signal Word needed.

**Hazard Statements:**

No Hazard Statement needed.

**Precautionary Statements:**

No Precautionary Statement needed.

**Australia Supplemental Hazard Information:**

No data available

**Hazards not otherwise classified:**

None known.

**Section 3 - Composition and information on ingredients**

| Chemical Name                | CAS No. | Concentration (% by weight) |
|------------------------------|---------|-----------------------------|
| Not classified as hazardous. |         |                             |

**Section 4 - First-aid measures****Description of necessary first aid measures:**

|               |   |
|---------------|---|
| Inhalation:   | This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.                                |
| Eye Contact:  | Flush eyes with plenty of water for at least 30 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. |
| Skin Contact: | Wash with soap and water for no less than 15 minutes.   |
| Ingestion:    | No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.  |

**Symptoms caused by exposure:**

Not considered as hazardous.

**Medical attention and special treatment:**

No further first aid information is available.

## Section 5 - Firefighting measures

**Suitable extinguishing equipment:**

Suitable extinguishing media: Use methods suitable to fight surrounding fire.

Unsuitable extinguishing media: None known.

**Specific hazards arising from the chemical:**

No data available

Hazardous combustion products: Carbon monoxide, carbon dioxide.

**Special protective equipment and precautions for firefighters:**

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

## 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:**

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so.

## 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.

Other precautions: None known.

Materials to Avoid/Chemical Incompatibility: None known

## Section 8 - Exposure controls and Personal protection

**Exposure control measures:**

| Chemical Name     | Australia - Occupational Exposure Standards - TWAs (ppm) | Australia - Occupational Exposure Standards - STELs (ppm) |
|-------------------|--|---|
| No data available |  |   |

This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m<sup>3</sup>.

|   |  |
|---|--|
| <b>Engineering controls:</b>  | None required under normal handling conditions.  |
| <b>Individual protection measures, for example personal protective equipment (PPE):</b> |  |
| <b>Respiratory protection:</b>  | No respiratory protection is recommended while working with this material. However, if operating conditions create high vapor or mist concentration, use of an approved respirator is recommended. |
| <b>Thermal hazards:</b>   | Not available  |
| <b>Eye and face protection:</b>   | Employee must wear splash-proof or dust-resistant safety goggles and a faceshield to prevent contact with this substance.  |
| <b>Skin protection:</b>   | Skin protection may be required depending on product temperature.  |
| <b>Gloves:</b>  | Gloves are not normally required for foreseeable conditions of use.  |
| <b>Other protective equipment:</b>  | Not available  |
| <b>General hygiene conditions:</b>  | Wash before eating, drinking, or using toilet facilities.  |

## Section 9 - Physical and chemical properties

### Appearance (physical state, color etc.):

|                            |                    |
|----------------------------|--------------------|
| Pure Substance or Mixture: | Pure               |
| Physical State:            | Powder             |
| Colour:                    | White to off-white |

**Odour:** Slight

**Odour Threshold:** Not available

**pH:** Not available

**pH in (1%) Solution:** Approximately 6

### Melting point/freezing point:

|                 |               |
|-----------------|---------------|
| Melting Point:  | Not available |
| Freezing point: | Not available |

**Initial boiling point and boiling range:** Not available

**Flash Point:** Not applicable

**Evaporation Rate:** 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:** Not available

|  |                |
|--|----------------|
| <b>Partition coefficient: n-octanol/water:</b>                     | Not available  |
| <b>Auto-ignition temperature:</b>                                  | Not available  |
| <b>Decomposition temperature:</b>                                  | Not available  |
| <b>Viscosity:</b>  | Not available  |
| <b>Volatiles:</b>  | None           |
| <b>Volatile Organic Chemicals:</b>                                 | Not available  |
| <b>Other Information:</b>  |                |
| <b>Particle Characteristics:</b>                                   | Not applicable |
| <b>Particle size:</b>  | Not applicable |
| <b>Shape and aspect ratio:</b>                                     | Not applicable |
| <b>Size distribution:</b>  | Not applicable |
| <b>Surface area:</b>   | Not applicable |
| <b>Heat of decomposition:</b>                                      | Not applicable |
| <b>Specific heat value:</b>  | Not applicable |
| <b>Saturated vapour concentration:</b>                             | Not applicable |
| <b>Release of invisible flammable vapours and gases:</b>           | Not applicable |
| <b>Crystallinity:</b>  | Not applicable |
| <b>Dustiness:</b>  | Not applicable |
| <b>Degree of aggregation or agglomeration, and dispersibility:</b> | Not applicable |
| <b>Redox potential:</b>  | Not applicable |
| <b>Biodurability or biopersistence:</b>                            | Not applicable |
| <b>Surface coating or chemistry:</b>                               | Not applicable |

## Section 10 - Stability and reactivity

|  |  |
|--|--|
| <b>Reactivity:</b>                         | Not expected to be reactive.             |
| <b>Chemical stability:</b>                 | Stable                                   |
| <b>Possibility of hazardous reactions:</b> | Hazardous polymerization will not occur. |
| <b>Conditions to avoid:</b>                | None known                               |
| <b>Incompatible materials:</b>             | None known                               |
| <b>Hazardous decomposition products:</b>   | No data available                        |

## Section 11 - Toxicological information

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

|  |             |
|--|-------------|
| <b>Information on possible routes of exposure:</b> | None known. |
|--|-------------|

**Target Organs Potentially Affected By Exposure:** None known.

**Early onset symptoms related to exposure:** No data available

**Toxic Effects:** Not established.

**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.

**Reproductive Toxicity:** No.

**Carcinogenicity:** 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**

**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**

**ADG Classification:** Not regulated

**UN number:** Not applicable

**Proper shipping name or technical name:** Not applicable

**Transport hazard class:** Not applicable

**Packing group:** Not applicable

**Toxic Inhalation Hazard Zone:** No data available

**Environmental hazards for transport purposes:** 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 product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.

**FDA** Cosmetics

**Agricultural and Veterinary Chemicals Code Act 1994 (Commonwealth)**

| Chemical Name     | CAS No. | Australia - Agricultural and Veterinary Chemicals (Administration) Regulations - Schedule 1 - Part 2 | Australia - Agricultural and Veterinary Chemicals (Administration) Regulations - Schedule 1 - Part 3 |
|-------------------|---------|--|--|
| No data available |         |  |  |

**Australia Dangerous Goods**

| Chemical Name     | CAS No. | Australia - Dangerous Goods Code - ADG - Hazard Classifications | Australia - Dangerous Goods Code - ADG - Regulated Substances |
|-------------------|---------|---|---|
| No data available |         |   |   |

**Industrial Chemicals (Notification and Assessment) Act 1989 (AICS)**

| Chemical Name     | CAS No. | Inventory - Australia - Inventory of Chemical Substances (AICS) - Comparable Chemicals | Inventory - Australia - Inventory of Chemical Substances (AICS) - Excluded Use Chemicals |
|-------------------|---------|--|--|
| No data available |         |  |  |

**Inventory - Australia - Inventory of Industrial Chemicals (AIIC)**

| Chemical Name     | CAS No. | Inventory - Australia - Inventory of Industrial Chemicals (AIIC) |
|-------------------|---------|--|
| 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 - Any other relevant information**

**Revision Date:** 12-22-2022  
**Supersedes:** 11-08-2022  
**Revision Number:** 2  
**Reason for revision:** New

**Disclaimer:**

Ingredion Incorporated and the Ingredion group of companies does not make any warranty or representation respecting the accuracy or completeness of the data. We assume no responsibility for any liability or damages relating thereto, or for advising you regarding the protection of your employees, customers, or others. You should make your own determination regarding the applicability of such information to, or the suitability of any products for your specific use. Ingredion Incorporated and the Ingredion group of companies expressly disclaims all warranties, expressed or implied, including but not limited to, warranties of merchantability, accuracy, fitness for use or for a particular purpose, and noninfringement. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to sales of products by Ingredion Incorporated and the Ingredion group of companies. The INGREDION mark and logo are trademarks of the Ingredion group of companies.