

## 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 chemical and restrictions on use:**

Recommended use: Personal Care  
Restrictions on use: Not Available

**Supplier's details:**

Ingredion Singapore Pte Ltd.  
21 Biopolis Road  
#05-21/27 Nucleos  
Singapore 138567  
Tel:+65 6872 6006 (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 according to Regulation: SS 586: Part 2: 2014:

**Hazard pictograms:** No hazard symbols required

**GHS Classification of the substance or mixture:** Not classified by GHS criteria

**Signal Word:** No signal word needed.

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

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

**Other hazards which do not result in classification:** None known.

### 3. Composition/information on ingredients

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

### 4. First aid measures

**Description of necessary 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.

**Description of acute and delayed symptoms/effects:**

Possible physical irritant from dust particles.

**Indication of immediate medical attention and special treatment**

No further first aid information is available.

needed, if necessary:

## 5. Fire fighting measures

### Extinguishing media:

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

## 6. Accidental release measures

**Personal precautions, protective equipment, emergency procedures:** Use personal protective equipment as required.

**Environmental precautions:** No data available

**Methods and material 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.

## 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:

Conditions for safe storage: Keep container closed when not in use.

Other precautions: None known.

Materials to Avoid/Chemical Incompatibility: None known

## 8. Exposure controls/personal protection

### Control parameters/ Occupational exposure limits or biological limit values:

Chemical Name	Singapore - Occupational Exposure Limits - PELs	Singapore - Occupational Exposure Limits - STELs	Singapore - Biological Exposure Limits
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>Appropriate engineering controls:</b>	None required under normal handling conditions.
<b>Individual protection measures:</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>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.

## 9. Physical and chemical properties

### Appearance (physical state, colour 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

## 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

## 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.
<b>Target Organs Potentially Affected By Exposure:</b>	None known.
<b>Symptoms related to physical, chemical and toxicological characteristics:</b>	No data available
<b>Toxic Effects:</b>	Not established.
<b>Exposure levels and health effects:</b>	
<b>Acute toxicity:</b>	
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.
<b>Skin corrosion/irritation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Respiratory sensitisation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Skin sensitisation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Germ cell mutagenicity:</b>	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.			

**12. Ecological information**

**Eco-toxicity:** 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.

**13. Disposal considerations**

**Description of waste residues and information on their safe handling and methods of disposal:** Disposal should be in accordance with local, state or national legislation.

## 14. Transport information

<b>DOT Classification:</b>	Not regulated
<b>UN number:</b>	Not applicable
<b>Proper shipping name or technical name:</b>	Not applicable
<b>Transport hazard class:</b>	Not applicable
<b>Packing group:</b>	Not applicable
<b>Toxic Inhalation Hazard Zone:</b>	No data available
<b>Environmental hazards for transport purposes:</b>	No data available
<b>Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):</b>	No data available
<b>Special precautions for user:</b>	Consult IMO regulations before transporting in bulk by ocean.

## 15. Regulatory information

### Safety, health and environmental regulations:

<b>TSCA Status:</b>	This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.
<b>FDA</b>	Cosmetics

### 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		

**Singapore List of Hazardous Substances**

Chemical Name	CAS No.	Singapore List of Hazardous Substances
No data available		

**Singapore - HAZCHEM Emergency Action Code(Commonwealth)**

Chemical Name	CAS No.	Singapore - HAZCHEM Emergency Action Code(Commonwealth)
No data available		

**16. Other information**

**Revision Date:** 02-24-2023  
**Supersedes:** 12-22-2022  
**Revision Number:** 3  
**Reason for revision:** New

**For Information Contact:** Singapore:  
 Ingredion Singapore Pte Ltd.  
 Customer Service: +65 6872 6006

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

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

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# Safety Data Sheet

PenCare DP 1015

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