

## 1. Identification

### Product identifier:

Product Number: 17955901  
Product Name: Q-Naturale 200

### Other means of identification:

Chemical family: No data available

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

Recommended use: Food products  
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:**



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

Serious Eye Damage/Eye Irritation Category 2A  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

**Signal Word:**

Warning

**Hazard Statements:**

Causes serious eye irritation.

May cause respiratory irritation.

**Precautionary Statements:**

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store in a well-ventilated place. Keep container tightly closed.

**Other hazards which do not result in classification:**

None known.

### 3. Composition/information on ingredients

Chemical Name	CAS No.	Concentration (% by weight)
Quillaja saponaria, extracts	68990-67-0	10 - 30

### 4. First aid measures

**Description of necessary measures:**

Inhalation:

First aid is not normally required.

Eye contact:

Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.

Skin Contact:

If symptoms develop, obtain medical attention.

Ingestion:

None required.

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

Not considered as hazardous.

**Indication of immediate medical attention and special treatment needed, if necessary:**

No further first aid information is available.

## 5. Fire fighting measures

**Extinguishing media:**

Suitable extinguishing media: Not Applicable

Unsuitable extinguishing media: None known.

**Specific hazards arising from the chemical:**

Non-combustible.

Hazardous Combustion Products:

This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

**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:**

Absorb spillages onto sand, earth or any suitable absorbent material. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state or national legislation.

## 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: Protect from freezing. Store under ambient temperatures, once opened it is recommended to store under refrigeration.

Static Sensitivity: No

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			

<b>Appropriate engineering controls:</b>	Normal ventilation expected to be adequate.
<b>Individual protection measures:</b>	
<b>Respiratory Protection:</b>	None required under normal handling conditions.
<b>Eye and face protection:</b>	Chemical safety glasses.
<b>Skin protection:</b>	Skin protection may be required depending on product temperature.
<b>Gloves:</b>	Gloves are recommended due to possible irritation.
<b>Other protective equipment:</b>	Not applicable.
<b>General hygiene conditions:</b>	Wash before eating, drinking, or using toilet facilities.

<b>9. Physical and chemical properties</b>
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<b>Appearance (physical state, colour etc.):</b>	
Pure Substance or Mixture:	Mixture
Physical State:	Liquid
Colour:	Reddish Brown
<b>Odour:</b>	Slight
<b>Odour Threshold:</b>	Not available
<b>pH:</b>	Approximately 4.8
<b>pH in (1%) Solution:</b>	Not available
<b>Melting point/freezing point:</b>	
Melting Point:	Not available
Freezing point:	Not available
<b>Initial boiling point and boiling range:</b>	Not available
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	1 (Water = 1)
<b>Flammability (solid, gas):</b>	No
<b>Upper/lower flammability or explosive limits:</b>	
Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available

<b>Vapour pressure:</b>	Not available
<b>Vapour density:</b>	Not available
<b>Relative density:</b>	1.06
<b>Solubility:</b>	Soluble in water
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not applicable
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Volatiles:</b>	Approximately 80 %
<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 hazardous decomposition products known.

## 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>	Ingestion, Skin Contact, Eye Contact
<b>Target Organs Potentially Affected By Exposure:</b>	Not applicable.
<b>Symptoms related to physical, chemical and toxicological characteristics:</b>	No data available
<b>Toxic Effects:</b>	No known hazards are associated with the use of this material.
<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>	If symptoms develop, obtain medical attention. Repeated or prolonged skin contact may result in mild irritation. May cause irritation to skin and

<b>Serious eye damage/irritation:</b>	eyes.	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.
<b>Reproductive Toxicity:</b>	No.	
<b>Carcinogenicity:</b>	No.	
<b>Specific Target Organ Toxicity (STOT)-single exposure:</b>		Classification is based on toxicological information of the components in Section 3.
<b>Specific Target Organ Toxicity (STOT)-repeated exposure:</b>		Based on available data, the GHS classification criteria are not met.
<b>Aspiration hazard:</b>		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
Quillaja saponaria, extracts	No data available	Dermal LD50: Rat > 2000 mg/kg	No data available

**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 material is not on the TSCA Inventory. It is excluded under the Food, Drug, and Cosmetic Act. 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>	21CFR 172.510 GRAS Notification (GRN) 000165 21CFR 170.30

### 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:** 11-21-2022

**Revision Number:** 3

**Reason for revision:** New

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

**Hazard Statements:** Causes serious eye irritation.  
May cause respiratory irritation.

**Precautionary Statements:**

**Prevention:** Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.



<b>Response:</b>	<p>Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Call a POISON CENTER/doctor if you feel unwell.</p> <p>If eye irritation persists: Get medical advice/attention.</p>
<b>Storage:</b>	<p>Store in a well-ventilated place. Keep container tightly closed.</p> <p>Store locked up.</p>
<b>Disposal:</b>	<p>Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.</p>

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