

## 1. Identification of the substance or mixture and of the supplier

### GHS product identifier:

Stock Number: 17955901  
Product Name: Q-Naturale 200

### Other means of identification:

Chemical family: No data available

### Recommendations and restrictions on use of the substance or mixture:

Recommended use: Food products  
Restrictions on use: Not Available

### Supplier's details (i.e. name, address, phone number(s)):

Ingredion (Thailand) Co., Ltd  
40/14 Moo 12, Bangna-Trad Road,  
Bangplee, Samutprakarn 10540  
Thailand  
Tel: +662-725-0200 (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

## 2. Hazards identification

Classification of the chemical in accordance with system of Hazardous Substances B.E. 2555:

**GHS Hazard Symbols:**



**GHS Classification of the substance or mixture, and national or regional information:**

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

**Signal Word:**

Acute Toxicity - Dermal Category 5  
 Warning

**Hazard Statements:**

May be harmful in contact with skin.  
 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.  
 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Call a POISON CENTER or doctor/physician if you feel unwell.  
 If eye irritation persists: Get medical advice/attention.

**Storage:**

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

**Disposal:**

Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

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

None known.

<b>3. Composition/information on ingredients</b>
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**Substance:**

Chemical Name	CAS Number	Concentration (% by weight)
Quillaja saponaria, extracts	68990-67-0	10 - 30

**Mixture:**  
Not applicable

#### 4. First-aid measures

**Description of necessary first-aid measures divided by relevant routes of exposure i.e. inhalation, skin, eye, and ingestion:**

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.

**Most important symptoms/effects, acute and delayed:** 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

**Suitable (and unsuitable) extinguishing media:**

Suitable extinguishing media: Not Applicable

Unsuitable extinguishing media: None known.

**Specific hazards arising from the chemical e.g. hazardous combustion products that form when the substance or mixture burns:** 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 and precautions 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 and emergency procedures:** Use personal protective equipment as required.

**Environmental precautions:** Not available

**Methods and materials 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

**Precaution for safe handling and storage:**

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:

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 e.g. occupational exposure limit values, biological limit values:

Chemical Name	Thailand - Occupational Exposure Limits - TWA's	Thailand - Occupational Exposure Limits - STEL's	Thailand - Occupational Exposure Limits - CEIL's
No data available			

**Appropriate engineering controls:**

Normal ventilation expected to be adequate.

**Individual protection measures e.g. personal protective equipment:**

**Respiratory Protection:**

None required under normal handling conditions.

**Eye protection:**

Chemical safety glasses.

**Skin protection:**

Skin protection may be required depending on product temperature.

**Gloves:**

Gloves are recommended due to possible irritation.

**Other protective equipment:**

Not applicable.

**General hygiene conditions:**

Wash before eating, drinking, or using toilet facilities.

## 9. Physical and chemical properties

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

Pure Substance or Mixture:

Mixture

Physical State:

Liquid

Color:

Reddish Brown

<b>Odor:</b>	Slight
<b>Odor 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>Vapor pressure:</b>	Not available
<b>Vapor 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>Heat of Decomposition:</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 of the likely 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>Delayed and immediate effects and also chronic effects from short- and long-term exposure:</b>	
<b>Acute toxicity:</b>	
Ingestion Toxicity:	Based on available data, the GHS classification criteria are not met.
Acute toxicity - Dermal:	Classification is based on toxicological information of the components in Section 3.
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 eyes.
<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.
<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**

**Toxicity (aquatic and terrestrial):** No information available.

**Ecological Toxicity Data:**

Chemical Name	CAS Number	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 on waste residue and safety transfer method, including appropriate disposal methods of waste residues and contaminated packaging:**

Disposal should be in accordance with local, state or national legislation.

**14. Transport information**

**UN Transport 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 (e.g., Marine pollutant (Yes/No)):** No data available

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** No data available

**Special precautions for users, which a user needs to be aware of or needs to comply with in connection with transport either inside or outside the business site:** Consult IMO regulations before transporting in bulk by ocean.

**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.

This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.

**FDA**

21CFR 172.510

GRAS Notification (GRN) 000165

21CFR 170.30

**Thailand - Toxic Chemical Substance List**

Chemical Name	CAS Number	Thailand - Toxic Chemical Substance List
No data available		

**Thailand - Priority Management Chemical List**

Chemical Name	CAS Number	Thailand - Priority Management Chemical List
No data available		

**Thailand - Thailand Explosive Substance and Precursors**

Chemical Name	CAS Number	Thailand - Thailand Explosive Substance and Precursors
No data available		

**Montreal Protocol on Substances that Deplete the Ozone Layer,**

Chemical Name	CAS Number	Montreal Protocol on Substances that Deplete the Ozone Layer,
No data available		

**Stockholm Convention on Persistent Organic Pollutants**

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

**16. Other information, including date of preparation or last revision.****Revision Date:** 12-09-2022**Supersedes:** 11-21-2022**Revision Number:** 4**Reason for revision:** New**For Information Contact** Thailand:  
Ingredion (Thailand) Co., Ltd  
Customer Service: +66-2-725-0200**Disclaimer:**

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