

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.

3. Composition/information on ingredients
--

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

Odor:	Slight
Odor Threshold:	Not available
pH:	Approximately 4.8
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
Evaporation Rate:	1 (Water = 1)
Flammability (solid, gas):	No
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	1.06
Solubility:	Soluble in water
Partition coefficient: n-octanol/water:	Not available
Heat of Decomposition:	Not available
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not available
Viscosity:	Not available
Volatiles:	Approximately 80 %
Volatile Organic Chemicals:	Not available

10. Stability and reactivity

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:	No hazardous decomposition products known.

11. Toxicological information

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

Information of the likely routes of exposure:	Ingestion, Skin Contact, Eye Contact
Target Organs Potentially Affected By Exposure:	Not applicable.
Symptoms related to physical, chemical and toxicological characteristics:	No data available
Toxic Effects:	No known hazards are associated with the use of this material.
Delayed and immediate effects and also chronic effects from short- and long-term exposure:	
Acute toxicity:	
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.
Skin corrosion/irritation:	If symptoms develop, obtain medical attention. Repeated or prolonged skin contact may result in mild irritation. May cause irritation to skin and eyes.
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:	Classification is based on toxicological information of the components in Section 3.
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
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: 11-20-2022

Revision Number: 4

Reason for revision: New

For Information Contact Thailand:
 Ingredion (Thailand) Co., Ltd
 Customer Service: +66-2-725-0200

Disclaimer:

The attached data has been compiled from sources which Ingredion Incorporated and the Ingredion group of companies, believe to be dependable and, to our knowledge and belief is accurate. However, Ingredion Incorporated and the Ingredion group of companies cannot 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 tests to determine 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.