

Section 1 - Identification

Product identifier:

Product Number: 17955901
Product Name: Q-Naturale 200

Other means of identification:

Chemical family: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Food products
Restrictions on use: Not Available

Details of manufacturer or importer:

National Starch Pty Ltd
New Zealand Branch
Unit 5, 706 Great South Road
Penrose Auckland 1642
New Zealand
Tel: +64 9 582 0284 (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:



GHS Classification:

Serious Eye Damage/Eye Irritation Category 2A
 Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3
 Acute Toxicity - Dermal Category 5

Signal Word:

Warning

Hazard Statements:

H313 - May be harmful in contact with skin.
 H319 - Causes serious eye irritation.
 H335 - May cause respiratory irritation.

Precautionary Statements:

Prevention:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 - Wash thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P304+P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P337+P313 - If eye irritation persists: Get medical advice/attention.

Storage:

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 P405 - Store locked up.

Disposal:

P501 - Dispose of contents/container to a suitable disposal site in accordance with the Hazardous Substances (Disposal) Regulations 2001.

Hazards not otherwise classified:

None known.

Section 3 - Composition/information on ingredients

Substance:

Chemical Name	Common name and	CAS No.	Concentration (% by
---------------	-----------------	---------	---------------------

	synonyms		weight)
Quillaja saponaria, extracts	None	68990-67-0	10 - 30

Mixture:
Not applicable

Section 4 - First-aid measures

Description of necessary first aid 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.

Most important symptoms and effects, acute and delayed, caused by exposure: Not considered as hazardous.

Medical attention and special treatment: No further first aid information is available.

Section 5 - Fire-fighting measures

Suitable extinguishing equipment:

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 and precautions for fire-fighters: 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:

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.

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: 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

Section 8 - Exposure controls/Personal protection

Exposure control measures:

Chemical Name	New Zealand - Occupational Exposure Standards - TWA	New Zealand - Occupational Exposure Standards - STEL	New Zealand - Occupational Exposure Standards - CEIL	New Zealand - Biological Exposure Limit - BEL
No data available				

Engineering controls:

Normal ventilation expected to be adequate.

Individual protection measures, for example personal protective equipment (PPE):

Respiratory protection: None required under normal handling conditions.

Eye and face 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.

Section 9 - Physical and chemical properties

Appearance (physical state, colour etc.):

Pure Substance or Mixture:	Mixture
Physical State:	Liquid
Colour:	Reddish Brown

Odour: Slight

Odour 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

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: 1.06

Solubility: Soluble in water

Partition coefficient: n-octanol/water: Not available

Auto-ignition temperature: Not applicable

Decomposition temperature: Not available

Kinematic viscosity: Not available

Particle Characteristics: Not applicable

Section 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.

Section 11 - Toxicological information

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

Information on possible routes of exposure:	Ingestion, Skin Contact, Eye Contact
Target Organs Potentially Affected By Exposure:	Not applicable.
Early onset symptoms related to exposure:	No data available
Toxic Effects:	No known hazards are associated with the use of this material.
Exposure levels and health effects:	
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.
Carcinogenicity:	No.
Reproductive Toxicity:	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

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

UN number: Not applicable

UN Proper shipping name: Not applicable

UN dangerous goods class and subsidiary: Not applicable

UN Packing group: Not applicable

Toxic Inhalation Hazard Zone: No data available

Environmental hazards (e.g., Marine pollutant): 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 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

FDA

Substances Control Act, 15 U.S.C. 2601 et. seq.
 21CFR 172.510
 GRAS Notification (GRN) 000165
 21CFR 170.30

New Zealand - GHS Classifications - HSNO Chemical Classification Information Database (CCID)

Chemical Name	CAS No.	New Zealand - GHS Classifications - HSNO Chemical Classification Information Database (CCID)
Quillaja saponaria, extracts	68990-67-0	No

New Zealand Inventory of Chemicals (NZIOC)

Chemical Name	CAS No.	New Zealand Inventory of Chemicals (NZIOC)
Quillaja saponaria, extracts	68990-67-0	Yes

New Zealand - Priority List of Hazardous Substances

Chemical Name	CAS No.	New Zealand - Priority List of Hazardous Substances
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: Other information

Revision Date: 02-13-2023

Supersedes: 11-20-2022

Revision Number: 3

Reason for revision: New

Key abbreviations or acronyms used: CAS = Chemical Abstract Service
 DNEL= Derivative No Effect Level
 EC= European Community
 EINECS = European Inventory of Existing Chemical Substances
 MSHA = Mine Safety Health Administration
 NIOSH = National Institute of Occupational Safety & Health
 OEL = Occupational Exposure Limit
 PBT= Persistent, Bioaccumulative, Toxic
 PNEC= Predicted No Effect Concentration
 SCOEL= Scientific Committee on Occupational Exposure Limits
 TLV = Threshold Limit Value
 TWA= Time Weighted Average
 vPvB= Very Persistent, Very Bioaccumulative
 Wt.% = Weight Percent

For Information Contact: New Zealand: Ingredion ANZ Pty Ltd
 Customer Service : +64-9-5820284 (Business Hours)

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



Safety Data Sheet

Q-Naturale 200

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.