

Q-NATURALE 200V

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product Name: Q-NATURALE 200V

Other means of identification:

Chemical family: No data available

UFI Number:

REACH Registration Number: This product is exempt from REACH

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified use: Food products

Uses advised against: Not Available

1.3 Details of the supplier of the safety data sheet:

The relevant Ingredion EMEA Company which invoices for the Product – please see Section 16

e-mail address of competent person responsible for the SDS:

Regulatory.emea@ingredion.com

1.4 Emergency telephone number:

EMERGENCY TELEPHONE: +1 703-741-5970 / 1-800-424-9300

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious Eye Damage/Eye Irritation Category 2

Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

2.2 Label elements:

Hazard pictograms:



Signal word:

Warning

Hazard statements:

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

Precautionary statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

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

Supplemental Hazard information (EU):

No Supplemental Hazard Information available

ADDITIONAL INFORMATION:

Not applicable

2.3 Other hazards:

This substance/mixture contains no components considered to be an endocrine-disrupting substance at levels of 0.1% or higher. Not expected to be PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances:

Substance Name	Concentration (% by weight)	CAS No.	EC Number REACH Registration Number	Classification according to Regulation (EC) No 1272/2008 (CLP)	M-factor	SCL	ATE	Nanoform Material
Quillaja saponaria, extracts	20-35	68990-67-0	None Known	Eye Irrit. 2; H319 STOT SE 3; H335	No data available	No data available	Not determined	No

3.2 Mixtures:

Not applicable

For full text of H-statements, see SECTION 16.

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SECTION 4: First aid measures

4.1 Description of 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.
Self protection of the first aider:	No data available

4.2 Most important symptoms and effects, both acute and delayed:

Not considered as hazardous.

4.3 Indication of any immediate medical attention and special treatment needed:

No further first aid information is available.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:	Not applicable.
Unsuitable extinguishing media:	None known.

5.2 Special hazards arising from the substance or mixture:

Non-combustible.

Hazardous combustion products:

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

5.3 Advice for firefighters:

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Non-emergency personnel:	Non-emergency personnel should be kept clear of the area.
Emergency responders:	Use personal protective equipment as required.

6.2 Environmental precautions:

Not available

6.3 Methods and material for containment and cleaning up:

Adsorb spillages onto sand, earth or any suitable adsorbent 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.

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6.4 Reference to other sections: See section 8 for appropriate personal protective equipment. See section 2 and 7 for additional information on hazards and precautionary measures.

SECTION 7: Handling and storage

7.1 Precautions for safe handling: As with all chemicals, good industrial hygiene practices should be followed when handling this material.

7.1.1 Recommendations for safe handling: Prevent handling of incompatible substance or mixtures. Take measures to prevent fire as well as aerosol and dust generation.

7.1.2 Advice on general occupational hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 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.

Special Sensitivity: No special sensitivity.

Static Sensitivity: No

Other precautions: None known

Materials to Avoid/Chemical Incompatibility: None known.

7.3 Specific end use(s): Food products

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Substance Name	United Kingdom - Workplace Exposure Limits (WELs) - TWAs	United Kingdom - Workplace Exposure Limits (WELs) - STELs	United Kingdom - Biological Monitoring Guidance Values
No data available			

DNEL: general population oral systemic effects long term exposure 15 mg/kg bw/day DNEL (273-620-4)

PNEC: 0.0388 mg/L PNEC (freshwater, 273-620-4); 0.00388 mg/L PNEC (marine water, 273-620-4); 0.388 mg/L PNEC (freshwater (intermittent releases), 273-620-4); 1 mg/L PNEC (sewage treatment, 273-620-4)

8.2 Exposure controls:

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Appropriate engineering controls:	Normal ventilation expected to be adequate.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Chemical safety glasses.
Skin protection:	Skin protection may be required depending on product temperature.
Hand protection:	Gloves are recommended due to possible irritation.
Respiratory protection:	None required under normal handling conditions.
Thermal hazards:	Not available
Environmental exposure controls:	Avoid runoff into storm sewers and ditches that lead to waterways.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Pure Substance or Mixture:	Preparation.
Physical state:	Liquid
Colour:	Reddish Brown
Odour and odour threshold:	Slight
pH:	Approximately 4
pH in (1%) Solution:	Not available
Melting point/freezing point:	
Melting Point:	Not available
Freezing point:	Not available
Boiling point or initial boiling point and boiling range:	Not available
Flash point:	Not applicable
Evaporation Rate:	1 (Water = 1)
Flammability:	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
Density and/or relative density:	1.06
Solubility:	Soluble
Partition coefficient n-octanol/water (log value):	Not available
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not available

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Viscosity:	Not available
Volatiles:	Approximately 80 %
Volatile Organic Chemicals:	Not available
Kinematic viscosity:	Not available
Particle characteristics:	Not applicable
9.2 Other information:	
Molecular Weight:	Not available

SECTION 10: Stability and Reactivity

10.1 Reactivity:	Not expected to be reactive
10.2 Chemical stability:	Stable
10.3 Possibility of hazardous reactions:	Hazardous polymerization will not occur.
10.4 Conditions to avoid:	None known.
10.5 Incompatible materials:	None known.
10.6 Hazardous decomposition products:	No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

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:	Based on available data, the GHS classification criteria are not met.
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.

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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.
Endocrine disrupting properties:	None of the components have endocrine disrupting properties.

Numerical measures of toxicity (such as acute toxicity estimates):

Substance 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

12.1 Toxicity: No information available.

Ecological Toxicity Data:

Substance Name	CAS No.	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

12.2 Persistence and degradability:	No data available
12.3 Bioaccumulative potential:	No data available
12.4 Mobility in soil:	Unknown
12.5 Results of PBT and vPvB assessment:	Not expected to be PBT or vPvB.
12.6 Endocrine disrupting properties:	None known.
12.7 Other adverse effects:	None known.

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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods:** Waste disposal should be in accordance with existing Community, National and local regulations.
- Empty container warnings:** Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

SECTION 14: Transport Information

- 14.1 UN number:** Not applicable
- 14.2 UN proper shipping name:** Not Applicable
- 14.3 Transport hazard class(es):** Not Applicable
- 14.4 Packing group:** Not Applicable
- Toxic Inhalation Hazard Zone:** No data available
- 14.5. Environmental hazards:** No data available
- 14.7 Maritime transport in bulk according to IMO instruments:** No data available
- 14.6 Special precautions for user:** Consult IMO regulations before transporting in bulk by ocean.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Substance Name	EINECS	SVHC
Quillaja saponaria, extracts	Not listed	No

- 15.2 Chemical Safety Assessment:** No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

- Revision Date:** 06-28-2023
- Indication of changes:** None Known
- Abbreviations and acronyms:** CAS = Chemical Abstract Service
 DNEL= Derivative No Effect Level
 EC= European Community
 EINECS = European Inventory of Existing Chemical Substances
 MSHA = Mine Safety Health Administration

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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

References and sources of data:

Classification according to Regulation (EC) 1272/2008 (CLP), as amended and Regulation (EC) 1907/2006 (REACH), as amended

Hazard statements:

H319 - Causes serious eye irritation.
 H335 - May cause respiratory irritation.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Irrit. 2; H319	Not available
STOT SE 3; H335, H336	

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/hearing protection.

Response:

P304+P340 - IF INHALED: Remove person to fresh air and keep 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 CENTRE/doctor 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.



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Disposal:

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

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This document is issued on behalf of the Ingredion EMEA Company which is the Supplier invoicing for the Product. The respective details of each of the relevant Supplier companies are as follows:

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