

Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2015/830



Revision Date: 27-10-2020

This document replaces SDS dated: 27-10-2020

Q-NATURALE 200V

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

1.1 Product identifier: Q-NATURALE 200V

Other means of identification:

EC No.: 273-620-4

Cas No.: 68990-67-0

REACH Registration No.: This product is exempt from REACH

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

Relevant identified uses: Food additive(s)

Uses advised against: Jokes and hoaxes - Annex XVII REACH Regulation (EC) No 1907/2006

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

Email of person responsible for Safety elizabeth.fawkes@ingredion.com

Data Sheets:

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

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard pictograms:



Signal Word:

Warning

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Hazard Statements: H319 - Causes serious eye irritation.

Precautionary Statements: P337+P313 - If eye irritation persists: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Supplemental Hazard information (EU): None known.

2.3. Other hazards

DUST Not applicable
EYE Severe/very severe irritant.
SKIN CONTACT Repeated or prolonged skin contact may result in mild irritation.
INHALATION Ensure adequate ventilation. Avoid breathing vapours or mists.
INGESTION Do not ingest. May cause irritation of mouth, throat and digestive tract.

SECTION 3: Composition/information on ingredients

3.1 Substances:

Not applicable

3.2 Mixtures:

Chemical Name	%	CAS #	EC No. REACH Registration No.	Classification (EC) No 1272/2008	M Factor	SCL	Acute Toxicity Estimates
Quillaja saponaria, extracts (68990- 67-0)	10 - 30	68990-67-0	273-620-4 None Known	Eye Irrit. 2; H319 STOT SE 3; H335	No data available	No data available	Not determined

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:	Remove to fresh air. Get medical attention if irritation persists.
Eye contact:	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
Skin Contact:	Wash immediately with water. If symptoms develop, obtain medical attention.
Ingestion:	Treat symptomatically and supportively. Get medical attention.
Self protection of the first aider:	No data available

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

Causes severe eye irritation. Severely irritating. If not removed promptly will injure eye tissue, which may result in permanent damage.

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

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:	Water spray or fog, CO2, Dry Chemical
Unsuitable extinguishing media:	None known.

5.2 Special hazards arising from the substance or mixture:

Fire and/or Explosion Hazards:	This is a water-based product and presents no particular fire or explosion hazard.
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.

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- 6.2 Environmental precautions:** Do not allow to enter drains, sewers or watercourses.
- 6.3 Methods and material for containment and cleaning up:**
- Small spills:** Refer to information provided for large spills
- Large spills:** Adsorb spillages onto sand, earth or any suitable adsorbent material. Sweep up and shovel into waste drums. 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.
- 6.4 Reference to other sections:** See Section 8 for appropriate personal protective equipment. See Sections 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.
- 7.2 Conditions for safe storage, including any incompatibilities:**
- Conditions for safe storage:** Store in a dry, well ventilated area. Protect from sunlight.
- Special Sensitivity:** Not available
- Sensitivity to Static Electricity:** No
- Materials to avoid:** None known.
- Materials to Avoid/Chemical Incompatibility:** None known.
- 7.3 Specific end use(s):** Food additive(s)

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters:**
- Occupational Exposure limit values:**
Not applicable
- DNEL:** This product is exempt from REACH
- PNEC:** This product is exempt from REACH
- 8.2 Exposure controls:**
- Appropriate engineering controls:** No data available
- Individual protection measures, such as personal protective equipment:**

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Eye and face protection:	Personal eye protection should conform to EN 166. Wear safety glasses with side shields.
Skin Protection:	
Hand protection:	The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and type of use. Gloves should be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions. Gloves should conform to EN 374.
Other skin protection:	Uniforms, coveralls, or a lab coat should be worn. Wear protective gloves/protective clothing/eye protection/face protection.
Respiratory Protection:	Use in a well-ventilated area.
Respirator Type(s):	None.
Other Protective Equipment:	Wash before eating, drinking, or using toilet facilities.
General Hygiene Conditions:	Not available
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:

Appearance:	Liquid
Colour:	Light brown
Odour:	Slight
Odour threshold:	Not available
pH:	Approximately 4
Melting Point/Freezing Point (°C):	
Melting point (°C):	Not available
Freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	No data available
Flash point:	No data available
Flash point method:	Not available
Evaporation Rate (water = 1):	Not applicable

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Flammability (solid, gas):	Not available
Upper/lower flammability or explosive limits:	
Upper flammable or explosive limit, % in air:	Not available
Lower flammable or explosive limit, % in air:	Not available
Vapour pressure:	Not available
Vapour Density (Air=1):	Not available
Relative density (water = 1):	1.100
Solubility(ies):	Soluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (°C):	No data available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidizing properties:	Not available

9.2 Other information:

Solids:	Not available
Volatiles:	Approximately 80 %
Volatile Organic Compounds :	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 toxicological effects:

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Acute toxicity:

Chemical Name	ORAL LD50	DERMAL LD50	INHALATION LC50
Quillaja saponaria, extracts (68990-67-0)	Oral LD50: Rat Approximately 5000 mg/kg	Dermal LD50: Rat > 4000 mg/kg	> 12.5 mg/l

Not available

Skin corrosion/irritation:

Low order of toxicity.

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

Serious eye damage/irritation:

Classification is based on the components listed in Section 3.

Respiratory or 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:

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

Reproductive toxicity:

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

STOT-single exposure:

Not available

STOT-repeated exposure:

Not available

Aspiration hazard:

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

SECTION 12: Ecological information

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12.1 Toxicity: None expected

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50
No ecotoxicity data available				

12.2 Persistence and degradability: Readily biodegradable.

12.3 Bioaccumulative potential: None expected

12.4 Mobility in soil: Unknown

12.5 Results of PBT and vPvB assessment: Not expected to be PBT or vPvB.

12.6 Other adverse effects: Unknown.

12.7 Additional information: No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Disposal 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

International carriage of dangerous goods by road (ADR), rail or inland waterways:

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

International carriage of dangerous goods by sea (IMDG/IMO):

14.1 UN number: Not Applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

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14.4 Packing group: Not applicable

International carriage of dangerous goods by air (IATA):

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

14.5 Environmental hazards: Not available

14.6 Special precautions for user: Consult IMO regulations before transporting in bulk by ocean.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not available

SECTION 15: Regulatory information

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

Chemical Name	EC No.	SVHC
Quillaja saponaria, extracts (68990-67-0)	273-620-4	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: 27-10-2020

Indication of changes: Section 2

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
NIOSH = National Institute of Occupational Safety & Health
OEL = Occupational Exposure Limit
PBT= Persistent, Bioaccumulative, Toxic

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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

Hazard phrase(s) referenced in section 3

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	Calculation method

Precautionary Statements:

Prevention:

P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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.

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