



# SAFETY DATA SHEET

FOAMATION(R) Q 200

## 1. Identification

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**Product identifier used on the label:** FOAMATION(R) Q 200  
foaming agent

**Other means of identification:**

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Food products

**Restrictions on use:** Not Available

**Name, address, and telephone number  
of the chemical manufacturer, importer,  
or other responsible party:**

**SUPPLIER**

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

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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

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SDS Requests and general information, please contact Local Customer Service: See phone numbers in Section 16

## 2. Hazard(s) identification

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**Classification of the chemical in accordance with the Hazard Classification and Communication System of Hazardous Substances B.E. 2555 (2012):**

**GHS Hazard Symbols:**



**GHS Classification:**

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

**Signal Word:**

Warning

**Hazard Statements:**

Causes serious eye irritation.  
May cause respiratory irritation.

**Precautionary Statements:**

**Prevention:**

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.

**Response:**

Wear protective gloves/protective clothing/eye protection/face protection.  
If inhaled: Remove person to fresh air and keep 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 in accordance with local/regional/national/international regulation for hazardous wastes.

**Hazards not otherwise classified:**

None known.

## 3. Composition/information on ingredients

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Chemical Name	Common name and synonyms	CAS #	%
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Quillaja saponaria, extracts	None	68990-67-0	37.000000
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## 4. First-aid measures

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**Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:**

<b>Inhalation:</b>	First aid is not normally required.
<b>Eye Contact:</b>	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
<b>Skin Contact:</b>	Wash immediately with water. If symptoms develop, obtain medical attention.
<b>Ingestion:</b>	None required.
<b>Most important symptoms/effects, acute and delayed:</b>	May cause respiratory irritation. Causes serious eye irritation.
<b>Indication of immediate medical attention and special treatment needed, if necessary:</b>	Call a poison center/doctor if you feel unwell.

## 5. Fire-fighting measures

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

<b>Suitable extinguishing media:</b>	Not Applicable
<b>Unsuitable extinguishing media:</b>	None known.
<b>Specific hazards arising from the chemical:</b>	Non-combustible.
<b>Hazardous combustion products:</b>	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.
<b>Special protective equipment and precautions for fire-fighters:</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

## 6. Accidental release measures

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<b>Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment as required.
<b>Methods and materials for</b>	Absorb spillages onto sand, earth or any suitable absorbent material.



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**containment and cleaning up:** 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

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**Precautions for safe handling:** Normal precautions for handling chemicals are applicable.

**Conditions for safe storage, including any incompatibilities:**

**Safe storage conditions:** Store under ambient temperatures, once opened it is recommended to store under refrigeration. Protect from freezing.

**Special Sensitivity:** Not available

**Sensitivity to Static Electricity:** No

**Materials to Avoid/Chemical Incompatibility:** None known

## 8. Exposure controls/personal protection

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OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety:

Chemical component	Thailand Exposure Limits (TWAs)	Thailand - Occupational Exposure Limits - STEL's	Thailand Exposure Limits (CEILs)
Not listed.			

**Appropriate engineering controls:** No data available

**Individual protection measures, such as personal protective equipment:**

**Respiratory Protection:** Avoid breathing dust/fume/gas/mist/vapors/spray.

**Respirator Type(s):** None required under normal handling conditions.

**Eye protection:** Chemical safety glasses.

**Skin protection:** Wear protective gloves/protective clothing/eye protection/face protection.

**Gloves:** No data available

**Other protective equipment:** No data available

**General hygiene conditions:** Wear protective gloves/protective clothing/eye protection/face protection.

## 9. Physical and chemical properties

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

<b>Physical state:</b>	Liquid
<b>Color:</b>	Dark Brown
<b>Odour:</b>	Sweet
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Approximately 4
<b>pH in (1%) Solution:</b>	Not available
<b>Melting point/freezing point (°C):</b>	
<b>Melting Point (°C):</b>	Not available
<b>Freezing point (°C):</b>	No data available
<b>Initial boiling point and boiling range (°C):</b>	No data available
<b>Flash Point (°C):</b>	No data available
<b>Flash Point Method:</b>	Not available
<b>Evaporation Rate:</b>	1 (Water = 1)
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	
<b>Upper flammability or explosive limits:</b>	Not available
<b>Lower flammability or explosive limits:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Relative density:</b>	1.220
<b>Solubility(ies):</b>	Soluble in water
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature (°C):</b>	Not Applicable
<b>Decomposition temperature (°C):</b>	Not available
<b>Viscosity:</b>	Not available
<b>Heat of decomposition:</b>	Not available
<b>Volatiles by weight:</b>	Approximately 50 %
<b>Volatile Organic Chemicals:</b>	Not available
<b>Molecular formula:</b>	Not available
<b>Liquid density:</b>	Not available
<b>Bulk Density:</b>	Not available

## 10. Stability and reactivity

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<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 (e.g., static discharge, shock, or vibration):</b>	None known.
<b>Incompatible materials:</b>	None known
<b>Hazardous decomposition products:</b>	No hazardous decomposition products known.

## 11. Toxicological information

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

**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** No data available

**Target Organs Potentially Affected by Exposure:** None known.

**Chemical Interactions That Change Toxicity:** None known.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

**Ingestion Irritation:** No data available

**Ingestion Toxicity:** None known.

**Skin Contact:** Based on available data, the GHS classification criteria are not met. May cause irritation to skin and eyes. Repeated or prolonged skin contact may result in mild irritation.

**Absorption:** No data available

**Inhalation Irritation:** No data available

**Inhalation Toxicity:** May cause respiratory irritation

**Eye Contact:** Causes serious eye irritation

**Chronic effects:** None known.

**Inhalation:** No data available

**Skin Contact:** No data available

**Skin Absorption:** No data available

**Ingestion:** No data available

**Sensitization:** None known.

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

**Reproductive and Developmental Toxicity:** Based on available data, the GHS classification criteria are not met.

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

**STOT-single exposure:** Classification is based on toxicological information of the components in Section 3.

**STOT-repeated exposure:** Not applicable.

**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
No data available			

**12. Ecological information**

**Ecotoxicity (aquatic and terrestrial, where available):** Not available

**Ecological Toxicity Data:**

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

**Persistence and degradability:** None known.

**Bioaccumulative potential:** No data available

**Mobility in soil:** Unknown

**Other adverse effects (such as hazardous to the ozone layer):** None known.

**13. Disposal considerations**

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:**

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.

## 14. Transport information

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**Carriage of dangerous goods by road (DOT), rail or inland waterways:**

**UN number:** No data available  
**UN Proper shipping name:** Not Applicable  
**Transport hazard class(es):** Not Applicable  
**Packing group, if applicable:** Not Applicable  
**DOT Basic description:** No data available

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

**UN number:** No data available  
**UN Proper shipping name:** Not Applicable  
**Transport hazard class(es):** Not Applicable  
**Packing group, if applicable:** Not Applicable

**International carriage of dangerous goods by air (IATA):**

**UN number:** No data available  
**UN Proper shipping name:** Not Applicable  
**Transport hazard class(es):** Not Applicable  
**Packing group, if applicable:** Not Applicable  
**Environmental hazards (e.g., Marine pollutant (Yes/No)):** Not available

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not available

**Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises:**

Consult IMO regulations before transporting in bulk by ocean.

## 15. Regulatory information

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**Safety, health and environmental regulations specific for the product in question:**

**TSCA** This material is not on the TSCA Inventory. It is excluded under the Food, Drug, and Cosmetic Act.

**FDA** 21CFR 172.510  
 FEMA GRAS number 2973  
 21CFR 184.1859

**Thailand - Hazardous Substance:**

Chemical Name	CAS #	Hazardous Substances	Hazardous Substances - Duties and Civil Liabilities	Hazardous substances - FDA Responsible Substances
No data available				

**16. Other information, including date of preparation or last revision.**

**Revision Date:** 08-01-2021

**Supersedes:** 08-06-2019

**Revision Number:** 2

**Reason for revision:** New

**FOR INFORMATION CONTACT:** For product information, contact:  
 National Starch LLC  
 National Starch Food Innovation  
 Customer Service: 1-800-859-8569  
 Technical Service Support: 1-800-743-6343

**Other Info:** None known.

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