



SAFETY DATA SHEET

FOAMATION(R) Q 200

1. Identification

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 Incorporated
5 Westbrook Corporate Center
Westchester, IL 60154
USA

EMERGENCY PHONES:

MEDICAL: 866-374-2659 (Health & Safety Call Center-24 hours)

Corporate Emergency Phone: 708-551-2600 (24 hours)

SDS Requests/Customer Service: See phone numbers in Section 16

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*

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Page 1 of 11

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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. Hazard(s) identification

Classification of the chemical in accordance with WHS regulations:

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:

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 victim 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

Disposal: closed.
 P405 - Store locked up.
 P501 - Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations

Hazards not otherwise classified: None known.

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Quillaja saponaria, extracts	None	68990-67-0	37.000000

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, 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: Wash immediately with water. If symptoms develop, obtain medical attention.

Ingestion: None required.

Most important symptoms/effects, acute and delayed: H335 - May cause respiratory irritation H319 - Causes serious eye irritation

Indication of immediate medical attention and special treatment needed, if necessary: Call a poison center/doctor if you feel unwell.

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: 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.

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

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

Control parameters:

Chemical component	Australia - Occupational Exposure Standards - TWAs	Australia - Occupational Exposure Standards - STELs
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

Appearance (physical state, color etc.):

Physical state:	Liquid
Color:	Dark Brown
Odor:	Sweet
Odor Threshold:	Not available
pH:	Approximately 4
pH in (1%) Solution:	Not available
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 (°C):	No data available
Flash Point Method:	Not available
Evaporation Rate:	1 (Water = 1)
Flammability (solid, gas):	Not available
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:	1.220
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (°C):	Not applicable
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Heat of decomposition:	Not available

Volatiles by weight:	Approximately 50 %
Volatile Organic Chemicals:	Not available
Molecular formula:	Not available
Liquid density:	Not available
Bulk Density:	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 (e.g., static discharge, shock, or vibration):	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 on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Eye Contact, Skin Contact, Ingestion

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): No data available

Ecological Toxicity Data:

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

Persistence and degradability: No data available

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

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 Consult IMO regulations before transporting in bulk by ocean.



SAFETY DATA SHEET

FOAMATION(R) Q 200

comply with in connection with transport or conveyance either within or outside their premises:

HAZCHEM Code: No data available

15. Regulatory information

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

Australia - National Pollutant Inventory (NPI) Substance List:

Chemical Name	CAS #	Australia - National Pollutant Inventory (NPI) Substance List
No data available		

Australia - Illicit Drug Precursors/Reagents:

Chemical Name	CAS #	Australia - Illicit Drug Precursors/Reagents - Category I Substances	Australia - Illicit Drug Precursors/Reagents - Category II Substances	Australia - Illicit Drug Precursors/Reagents - Category III Substances
No data available				

Australia - Narcotic Drugs Act:

Chemical Name	CAS #	Australia - Narcotic Drugs Act - Schedule I Drugs	Australia - Narcotic Drugs Act - Schedule II Drugs	Australia - Narcotic Drugs Act - Schedule III Drugs	Australia - Narcotic Drugs Act - Schedule IV Drugs
No data available					

Australia - Dangerous Goods Code - ADG:



SAFETY DATA SHEET

FOAMATION(R) Q 200

Chemical Name	CAS #	Australia - Dangerous Goods Code - ADG - Hazard Classifications	Australia - Dangerous Goods Code - ADG - Regulated Classifications
No data available			

Australia - The Chemical Weapons (Prohibition) Act (CWC):

Chemical Name	CAS #	Australia - The Chemical Weapons (Prohibition) Act (CWC) - Schedule 1	Australia - The Chemical Weapons (Prohibition) Act (CWC) - Schedule 2	Australia - The Chemical Weapons (Prohibition) Act (CWC) - Schedule 3
No data available				

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

Revision Date: 01-08-2021

Supersedes: 06-08-2019

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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SAFETY DATA SHEET

FOAMATION(R) Q 200

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