



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:

Synonyms: None

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*

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 paragraph (d) of §1910.1200

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

Label elements, including precautionary statements:

GHS Hazard Symbols:



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 closed.
P405 - Store locked up.

Disposal: P501 - 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

Chemical Name	CAS #	%
Quillaja saponaria, extracts	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.

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

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

5. Fire-fighting measures

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.

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.

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 – exposure standards, biological monitoring:

Chemical component	New Zealand - Occupational Exposure Limits - TWAs	ACGIH STEL	New Zealand - Occupational Exposure Limits - Ceilings	New Zealand - Occupational Exposure Limits - Biological Exposure Limits
Not listed.				

Appropriate engineering controls:

No data available

Individual protection measures, such as personal protective equipment:

Eye protection:

Chemical safety glasses.

Skin protection:

Wear protective gloves/protective clothing/eye protection/face protection.

Gloves:

No data available

Respiratory Protection:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Respirator Type(s):

None required under normal handling conditions.

Thermal Hazards:

Not available

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:	No data 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
Volatile Organic Chemicals:	APPROX 50 %
Bulk Density:	Not available

10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Stable
Conditions to avoid (e.g., static discharge, shock, or vibration):	None known.
Incompatible materials:	None known
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Hazardous decomposition products:	No hazardous decomposition products known.

11. Toxicological information

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

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:

Acute toxicity:

Ingestion Toxicity: None known.

Inhalation Toxicity: May cause respiratory irritation

Skin corrosion/irritation: 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.

Serious eye damage/irritation: Causes serious eye irritation

Respiratory or skin sensitisation: None known.

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 and Developmental Toxicity: 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: 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
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.
Disposal of any contaminated packaging:	
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

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:

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.

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

HSNO approval number	None known
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New Zealand Inventory of Chemicals (NZIoC):

Chemical Name	CAS Number	New Zealand Inventory of Chemicals (NZIoC)
No data available		

New Zealand - Priority List of Hazardous Substances:

Chemical Name	CAS Number	New Zealand - Priority List of Hazardous Substances
No data available		

New Zealand - HSNO - Toxic Substances:

Chemical Name	CAS Number	New Zealand - HSNO - Toxic Substances
No data available		

New Zealand - HSNO - Hazardous Gases - Control Codes:

Chemical Name	CAS Number	New Zealand - HSNO - Hazardous Gases - Control



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		Codes
No data available		

New Zealand - HSNO - Class 3, 4 and 5 Dangerous Goods - Control Codes:

Chemical Name	CAS Number	New Zealand - HSNO - Class 3, 4 and 5 Dangerous Goods - Control Codes
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

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
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

Disclaimer: The attached data has been compiled from sources which Ingredion Incorporated and the Ingredion group of companies, believe to be dependable and, to our knowledge and belief is accurate. However,



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