

1. Identification

Product identifier used on the label:

PRODUCT NUMBER (NEW): 17955911
PRODUCT NUMBER (OLD): 57-6844
PRODUCT NAME: 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 uses: Not Available

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

Ingredion Incorporated
5 Westbrook Corporate Center
Westchester, IL. 60154
USA

Emergency phone number:

1-800-424-9400 (CHEMTREC)
MEDICAL: 866-374-2659 (Health & Safety Call Center-24 hours)
Corporate Emergency Phone: 708-551-2600 (24 hours)

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200

GHS Hazard Symbols:



GHS Classification:

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

GHS Signal Word:

Warning

GHS Hazard Statements:

Causes serious eye irritation.
May cause respiratory irritation.

GHS Precautionary Statements:

Safety Precautions:

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

First Aid Measures:

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.

Storage: Call a POISON CENTER or doctor/physician if you feel unwell.
If eye irritation persists: Get medical advice/attention.
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: No data available

3. Composition/information on ingredients

Chemical Name:	CAS number and other unique identifiers	% (or range) of ingredient
Quillaja saponaria, extracts	68990-67-0	15 - 40

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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.

Eyes: 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: Not considered as hazardous.

Indication of immediate medical attention and special treatment needed, if necessary: No further first aid information is available.

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 (e.g., nature of any hazardous combustion products): 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 No special procedures are required.

and precautions for fire-fighters:

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:

Store under ambient temperatures, once opened it is recommended to store under refrigeration. Protect from freezing.

Conditions for safe storage, including any incompatibilities

Ambient.

Special Sensitivity:

Not available

Sensitivity to Mechanical

No

Impact:

Sensitivity to Static Electricity:

No

Materials to Avoid/Chemical Incompatibility:

None known

8. Exposure controls/personal protection

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 data sheet, where available:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	AIHA Exposure limits
No data available			

Appropriate engineering controls

Ventilation Requirements:

Normal ventilation expected to be adequate.

Individual protection measures, such as personal protective equipment.:

Eye Protection:

Chemical safety glasses.

Skin Protection:

Gloves are recommended due to possible irritation.

Respiratory Protection:

None required under normal handling conditions.

Other Protective Equipment:

Not available

General Hygiene

Wash before eating, drinking, or using toilet facilities.

Conditions:

Change/Removal of Clothing:

Not applicable.



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SAFETY DATA SHEET

FOAMATION(R) Q 200

9. Physical and chemical properties

Pure Substance or Mixture:	Mixture
Appearance (physical state):	Liquid
Color:	Dark Brown
Odor:	Sweet
Odor threshold:	Not available
pH:	Approximately 4
Melting Point/Freezing Point (°C):	Not available
Initial Boiling Point and Boiling Range (°C):	Not available
Flash Point (°C):	Not applicable
Evaporation Rate:	1 (Water = 1)
Flammability (solid, gas):	No
Upper Flammable/Explosive Limit:	Not applicable
Lower Flammable/Explosive Limit:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Relative Density:	Not available
Specific Gravity	1.22
Solubility(ies) in Water:	Soluble in water
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition Temperature (°C):	Not applicable
Decomposition Temperature:	Not determined.
Viscosity:	Not applicable
Volatiles	Approximately 50 %
Volatile Organic Compounds	Not available

10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Material is stable under normal temperatures and pressures.
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

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Eye Contact, Skin Contact, Ingestion

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 (Short Term) Effects of Exposure

Effects of Acute Exposure May cause irritation to skin and eyes.

Chronic (Long Term) Effects of Exposure

Effects of Chronic Exposure No known hazards are associated with the use of this material.

Target Organs Not applicable.

Numerical measures of toxicity (such as acute toxicity estimates)

No data available

Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use.			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No information available.

Persistence and degradability: No data available

Bioaccumulative potential: Unknown.

Mobility in soil: Unknown.

Other adverse effects (such as hazardous to the ozone layer): No data available

13. Disposal considerations

Waste Disposal Methods: 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



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Waste Disposal Code(s): after they have been emptied.
No data available

14. Transport information

DOT Classification: Not regulated
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: Not available
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not available

15. Regulatory information

TSCA Status: 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

SARA - Section 313 (Superfund Amendments and Reauthorization Act of 1986 - 40CFR 372)

CAS NUMBER	CONCENTRATION (% by weight)
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Contains no substances at or above the reporting threshold under Section 313.

CALIFORNIA PROPOSITION 65

WARNING: This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.

Unless a concentration is specified in Section 2 of the MSDS, the below chemical/s are present in trace amounts.

Component	CAS NUMBER
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None reportable.

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

HMIS® Hazard Ratings

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered. NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual. When two ratings are provided for Health, the first represents the material 'as supplied', and



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the second represents the material 'in use'. * = chronic health hazard HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).

Health

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Flammability

0

Reactivity

0

SDS DATE

17-May-2019

FOR INFORMATION CONTACT:

For product information, contact:

Ingredion Incorporated

Customer Service:

1-800-713-0208

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