

# Safety Data Sheet

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



Revision Date: 07-08-2020

This document replaces SDS dated: 01-08-2017

## BIOLIGO GL-5700 IMF

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

**1.1 Product identifier:** BIOLIGO GL-5700 IMF

**Other means of identification:**

**Cas No.:** UNKNOWN

**REACH Registration No.:** This product is exempt from REACH

**Chemical family:** Polysaccharide

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

**Relevant identified uses:** Food ingredient

**Uses advised against:** Not Available

**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]:** Not classified as hazardous in accordance with CLP

**2.2 Label elements:**

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

**Hazard pictograms:** No hazard symbols required

**Signal Word:** No Signal Word needed.

**Hazard Statements:** No Hazard Statement needed.

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**Precautionary Statements:** No Precautionary Statement needed.

**Supplemental Hazard information (EU):** None known.

### 2.3. Other hazards

DUST	Not applicable
EYE	Slight/mild irritant.
SKIN CONTACT	Non-irritant.
INHALATION	Low order of toxicity.
INGESTION	Low oral toxicity.

## 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
This product is not classified as hazardous							

For full text of H-statements see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

**Inhalation:**

First aid is not normally required.

**Eye contact:**

If symptoms develop, obtain medical attention. Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10

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	minutes.
<b>Skin Contact:</b>	Wash skin with soap and water.
<b>Ingestion:</b>	Treat symptomatically and supportively. Get medical attention.
<b>Self protection of the first aider:</b>	No data available
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	No data available
<b>4.3 Indication of any immediate medical attention and special treatment needed:</b>	None known.

### 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:** Non-combustible.

**Hazardous Combustion Products:** This product does not undergo spontaneous decomposition. Typical combustion products are carbon dioxide, carbon monoxide, and smoke.

**5.3 Advice for firefighters:** No special procedures are required.

### 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.

**6.2 Environmental precautions:** Not applicable

#### 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. 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.

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### 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:** Protect from freezing.
  - Special Sensitivity:** Not available
  - Sensitivity to Static Electricity:** No
  - Materials to avoid:** Oxidizers.
  - Materials to Avoid/Chemical Incompatibility:** Oxidizers.
- 7.3 Specific end use(s):** Food ingredient

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters:

##### Occupational Exposure limit values:

Not applicable

**DNEL:** None known.

**PNEC:** None known.

#### 8.2 Exposure controls:

**Appropriate engineering controls:** No data available

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

**Eye and face protection:** Chemical safety glasses.

##### Skin Protection:

**Hand protection:** Protective clothing is normally not necessary for foreseeable conditions of use.

**Other skin protection:** Not applicable.

**Respiratory Protection:** No data available

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

**Other Protective Equipment:** Wash before eating, drinking, or using toilet facilities.

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<b>General Hygiene Conditions:</b>	Not available
<b>Thermal Hazards:</b>	Not available
<b>Environmental exposure controls:</b>	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:

<b>Appearance:</b>	Liquid
<b>Colour:</b>	amber
<b>Odour:</b>	Slight
<b>Odour threshold:</b>	Not available
<b>pH:</b>	Approximately 3.5
<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:</b>	No data available
<b>Flash point method:</b>	Not available
<b>Evaporation Rate (water = 1):</b>	1 (Water = 1)
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	
<b>Upper flammable or explosive limit, % in air:</b>	Not available
<b>Lower flammable or explosive limit, % in air:</b>	Not available
<b>Vapour pressure:</b>	Not available
<b>Vapour Density (Air=1):</b>	Not available
<b>Relative density (water = 1):</b>	1.350
<b>Solubility(ies):</b>	Soluble
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature (°C):</b>	Not applicable
<b>Decomposition temperature (°C):</b>	Not available

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**Viscosity:** Not available  
**Explosive properties:** Not available  
**Oxidizing properties:** Not available

### 9.2 Other information:

**Solids:** Not available  
**Volatiles:** Approximately 25 %  
**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:** Oxidizers.  
**10.6 Hazardous decomposition products:** No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

**Acute toxicity:**

Not available

**Skin corrosion/irritation:**

Non-irritant.

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

May cause slight eye irritation.

**Serious eye damage/irritation:**

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

**Respiratory or skin sensitisation:**

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

**Germ cell mutagenicity:**

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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

### 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:

#### 12.3 Bioaccumulative potential:

No data available

#### 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:

None known.

#### 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

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**Empty Container Warnings:** and local regulations.  
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  
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
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Sodium hydroxide	215-185-5	No
Hydrochloric acid	231-595-7	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: 07-08-2020

Indication of changes: None known.

#### 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

Hazard phrase(s) referenced in section 3 No data available

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
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Not available	Not available
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This document is issued on behalf of the Ingredion EMEA Company which is the Supplier invoicing for the Product. The respective details of each of the relevant Supplier companies are as follows:

Ingredion UK Limited; Ingredion House, Manchester Green, 339 Styal Road; Manchester M22 5LW; England; P: +44 (0) 161 435 3200; F: +44 (0) 161 435 3300; Registered in England No. 07315745

Ingredion Germany GmbH; Grüner Deich 110; 20097 Hamburg; Germany; P: +49 (0) 40 23 91 50; F: +49 (0) 40 23 91 51 70; Amtsgericht Hamburg HRB 105432

Ingredion South Africa (Pty) Ltd; Infinity Office Park, Suite 6, Block C, 2 Robin Close, Meyersdal, 1448, Gauteng; RSA; P: +27 (0) 11 867 9260; F: +27 (0) 11 867 9271; Registration number 2010/013219/07

Ingredion Middle East Branch; Office 03B, Dubai, Dubai Biotechnology and Research Park, Dubai, United Arab Emirates; P: +971 44 53 4288

Rafhan Maize Products Co. Ltd. Rakh Canal East Road PO Box 62, Faisalabad 38060, Punjab, PAKISTAN T: 92-41-854-0121 F: 92-41-871-1016