



# SAFETY DATA SHEET

BIOLIGO GL-5700 IMF

## 1. Identification

### Product identifier used on the label:

PRODUCT NUMBER (NEW): 11300400  
PRODUCT NUMBER (OLD): 063-1003  
PRODUCT NAME: BIOLIGO GL-5700 IMF

### Other means of identification

Chemical Family: Polysaccharide

### Recommended use of the chemical and restrictions on use

Recommended use: Not Available  
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  
Phone: 708-551-2600 (business hours)  
MEDICAL: 1-866-374-2659 (Health & Safety Call Center - 24 hours)  
TRANSPORT: 1-800-424-9400 (CHEMTREC - 24 hours)

## 2. Hazard(s) identification

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

**GHS Classification:** This product is not classified as hazardous according to paragraph (d) of §1910.1200  
**GHS Hazard Statements:** Not Applicable  
**Hazards not otherwise classified:** No data available

## 3. Composition/information on ingredients

Chemical Name:	CAS number and other unique identifiers	% (or range) of ingredient
None classified as hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).		

## 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. If symptoms develop, obtain medical attention.

Skin Contact: Wash skin with soap and water.

Ingestion: Treat symptomatically and supportively. Get medical attention.

Not considered as hazardous.

**Most important symptoms/effects, acute and delayed:**

**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: Water spray or fog, CO<sub>2</sub>, Dry Chemical

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 dioxide, carbon monoxide, and smoke.

**Special protective equipment and precautions for fire-fighters:**

No special procedures are required.

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

Protect from freezing.

Ambient.

Special Sensitivity:

Not available

:

No

:

No

**Materials to Avoid/Chemical Incompatibility:**

Oxidizers



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## 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 not normally required for foreseeable conditions of use.  
**Respiratory Protection:** None required under normal handling conditions.  
**Other Protective Equipment:** Not available  
**General Hygiene Conditions:** Wash before eating, drinking, or using toilet facilities.  
**Change/Removal of Clothing:** Not applicable.

## 9. Physical and chemical properties

**Pure Substance or Mixture:** Mixture  
**Appearance (physical state):** Liquid  
**Color:** Amber  
**Odor:** Slight  
**Odor threshold:** Not available  
**pH:** Approximately 3.5  
**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:** 1.35

**Solubility(ies) in Water:** Soluble in water  
**Partition coefficient: n-** Not applicable



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octanol/water:

**Auto-ignition Temperature** Not applicable

(°C):

**Decomposition Temperature:** Not determined.

**Viscosity:** Not applicable

**Volatiles** Approximately 25 %

**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:**

Oxidizers

**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, 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 slight eye irritation.

**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)**



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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

<b>Ecotoxicity (aquatic and terrestrial, where available):</b>	No information available.
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	Unknown.
<b>Mobility in soil:</b>	Unknown.
<b>Other adverse effects (such as hazardous to the ozone layer):</b>	No data available

## 13. Disposal considerations

<b>Waste Disposal Methods:</b>	Disposal should be in accordance with local, state or national legislation.
<b>Empty Container Warnings:</b>	Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.
<b>Waste Disposal Code(s):</b>	No data available

## 14. Transport information

<b>DOT Classification</b>	Not regulated
<b>UN number:</b>	No data available
<b>UN proper shipping name:</b>	Not Applicable
<b>Transport hazard class(es):</b>	Not Applicable
<b>Packing group, if applicable:</b>	Not Applicable
<b>Environmental hazards:</b>	Not available
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not available

## 15. Regulatory information

<b>TSCA Status:</b>	This material is not on the TSCA Inventory. It is excluded under the Food, Drug, and Cosmetic Act.
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SARA - Section 313 (Superfund Amendments and Reauthorization Act of 1986 - 40CFR 372)



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CAS NUMBER

CONCENTRATION  
(% by weight)

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

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

**Health**

1

**Flammability**

0

**Reactivity**

0

### SDS DATE

23-July-2021

### FOR INFORMATION CONTACT:

For product information, contact:

Ingredion Incorporated

Customer Service: 1-800-713-0208

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