



# Material Safety Data Sheet

Issue Date: 21st November, 2009

Approved by Megazyme International Ireland Ltd.

**Product Name:** 1,3:1,4- $\beta$ -D-Gluco-Oligosaccharides**COMPANY DETAILS:**

<b>Company Name</b>	<b>Megazyme International Ireland Ltd.</b>
<b>Address</b>	Bray Business Park, Southern Cross Road, Bray, Co. Wicklow, Ireland.
<b>Emergency Telephone</b>	+353-1-2861220
<b>Tel/Fax</b>	Tel: +353-1-2861220/Fax: +353-1-2861264
<b>Other Information</b>	The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation in respect of safety in use, suitability efficiency or otherwise, including freedom from patent infringements. Users should make their own tests for their particular purpose. We cannot accept any liability for any loss, damage or infringement arising from the use of the information or recommendations contained herein.

**IDENTIFICATION:**

<b>Product Code</b>	<b>O-BGTRIA, O-BGTRIB, O-BGTETA, O-BGTETB, O-BGTETC, O-BGPENA and O-BGHEXA</b>
<b>Product Name</b>	<b>1,3:1,4-<math>\beta</math>-D-Gluco-Oligosaccharides</b>
<b>Proper Shipping Name</b>	as above
<b>Other Names</b>	None Listed
<b>UN Number</b>	None Allocated
<b>DG Class</b>	None Allocated
<b>Packing Group</b>	None Allocated
<b>Hazchem Code</b>	None Allocated
<b>Poisins Schedule</b>	Not Scheduled

**PHYSICAL DATA:**

<b>Appearance</b>	Powder
<b>Specific Gravity</b>	not applicable
<b>Solubility in Water</b>	Readily soluble.

**OTHER PROPERTIES:**

<b>pH Value</b>	6.0
<b>Odour</b>	none
<b>Form</b>	powder
<b>Stability</b>	stable in a freezer for more than 5 years.

**INGREDIENTS:**

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
1,3:1,4- $\beta$ -D-Gluco-Oligosaccharides			100%



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**Product Name:** 1,3:1,4- $\beta$ -D-Gluco-Oligosaccharides**HEALTH HAZARD INFORMATION****HEALTH EFFECTS**

Acute - Swallowed	Nil
Acute - Eye	May irritate eye.
Acute - Skin	Nil
Acute - Inhaled	Nil
Chronic	Nil

**FIRST AID**

Swallowed	Drink plenty of water. Never give anything by mouth to an unconscious person.
Eye	Flush eyes with copious amount of water. If irritation occurs, seek medical advice.
Skin	Flush with water.
Inhaled	Remove to fresh air. If discomfort occurs, seek medical attention.

**Advice to Doctor****Other Health Hazard Information****PRECAUTIONS FOR USE****Personal Protection**

<b>Respirator Type (AS 1716)</b>	Respirator approved for solid and liquid particulates, including dusts and mists, e.g. 3M 8810 mask or respirator with P3 filter or equivalents.
<b>Eye Protection</b>	Splash goggles or safety glasses.
<b>Glove Type</b>	Rubber or vinyl gloves.
<b>Clothing</b>	Lab Coat or Overalls
<b>Other Information</b>	Avoid unnecessary breathing of dust. Handle in accordance with good occupational hygiene and safety practices.

<b>Flammability</b>	non flammable
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**SAFE HANDLING INFORMATION****Storage and Transport**

<b>Storage Precautions</b>	Store dry and refrigerated. Stable for at least 5 years when stored dry in a refrigerator
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**Product Name:** 1,3:1,4- $\beta$ -D-Gluco-Oligosaccharides**Handling** 1,3:1,4- $\beta$ -D-Gluco-Oligosaccharides are non toxic oligosaccharides (carbohydrate compounds) produced by the controlled enzymic hydrolysis of mixed-linkage  $\beta$ -glucan. These compounds are non-toxic.**Proper Shipping Name** None Allocated

## Spills and Disposal

**Spills and Disposal** Remove spillages with an absorbent cloth. Flush remainder with plenty of water.**Disposal** Sanitation landfill or incineration in accordance with local, state and federal regulations.

## Fire/Explosion Hazard

**Fire Fighting Procedure** No risks are involved.**Extinguishing Media** Water, Foam**Hazchem Code** None Allocated

## OTHER INFORMATION

**Risk Statement** May cause skin sensitization.**Safety Statement** Do not ingest.**Hazard Category** Not Harmful.

## CONTACT POINT

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