

## Material Safety Data Sheet

Issue Date: 15th march, 2007

Product Number: PS-OBG-LMw

Product Name: Beta-D-Glucan Low Mw Standard Kit

### COMPANY DETAILS:

<b>Company Name</b>	Putus Macromolecular Sci. &Tech. Ltd.
<b>Address</b>	Room7038, Hi-tech tower, Huaguang Road, 18, East Lake New Technology Development Zone, Wuhan (Hubei province), China
<b>Tel/Fax</b>	Tel: +86(0) 27 87610995 Fax: +86(0)27 87610996-807
<b>Other Information</b>	The information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. 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>	PS-OBG-LMw
<b>Product Name</b>	Beta-D-Glucan Low Mw Standard Kit
<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>Poisons Schedule</b>	Not Scheduled

### PHYSICAL DATA:

<b>Appearance</b>	White powder
<b>Specific Gravity</b>	Not applicable
<b>Solubility in Water</b>	Soluble.

### OTHER PROPERTIES:

<b>pH Value</b>	Neutral
<b>Odour</b>	None
<b>Form</b>	Powder
<b>Stability</b>	stable at room temperature for five or more years

### INGREDIENTS:

Ingredients	Name	CAS	Proportion
Beta-glucan from oat bran			97%

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

<b>Acute Swallowed</b>	Ingestion of dust may irritate the gastro-intestinal tract.
<b>Acute Eye</b>	May irritate eye.
<b>Acute Skin</b>	Nil
<b>Acute Inhaled</b>	Dust is non-toxic
<b>Chronic</b>	Long term exposure to dusts can cause respiratory irritation.

### FIRST AID

<b>Swallowed</b>	Drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Eye</b>	Irrigate thoroughly with plenty of water until discomfort is relieved. Consult a physician for proper medical care.
<b>Skin</b>	Flush with water. If irritation occurs, obtain medical attention.
<b>Inhaled</b>	Remove to fresh air. If discomfort occurs, seek medical attention.

### Advice to Doctor

### Other Health Hazard Information

### PRECAUTIONS FOR USE

#### Personal Protectio

<b>Eye Protection</b>	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.

**Flammability** non flammable

### SAFE HANDLING INFORMATION

#### Storage and Transport

<b>Storage Precautions</b>	Store in a cool dry place. Stable at room temperature for at least five years when stored dry.
<b>Handling</b>	Beta-D-Glucan Low Mw Standard is a non toxic polysaccharide (carbohydrate compound) which is extracted from the bran of oat grains. It is non-toxic. When handling, a face mask should be worn to prevent inhalation of dust.
<b>Proper Shipping Name</b>	None Allocated

#### Spills and Disposal

<b>Spills and Disposal</b>	Remove large spillages by vacuum with a high efficiency filter. Flush remainder with plenty of water.
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**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 sensitization by inhalation.  
**Safety Statement** Do not breathe dust.  
**Hazard Category** Not Harmful.

### CONTACT POINT

#### Contact

Sammy Cage/ Technical Support Manager  
Putus Macromolecular Sci.&Tech. Ltd.  
Tel: +86 27 87610995  
Email: sammy@putus.org