

Material Safety Data Sheet

Issue Date: 15th march, 2007

Product Number: PS-CON- I

Product Name: Beta-D-Glucan Standard

COMPANY DETAILS:

Company Name	Putus Macromolecular Sci. &Tech. Ltd.
Address	Room7038, Hi-tech tower, Huaguang Road, 18, East Lake New Technology Development Zone, Wuhan (Hubei province), China
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Other Information	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:

Product Code	PS-CON- I
Product Name	Beta-D-Glucan Standard
Proper Shipping Name	As above
Other Names	None Listed
UN Number	None Allocated
DG Class	None Allocated
Packing Group	None Allocated
Hazchem Code	None Allocated
Poisons Schedule	Not Scheduled

PHYSICAL DATA:

Appearance	White powder
Specific Gravity	Not applicable
Solubility in Water	Soluble.

OTHER PROPERTIES:

pH Value	Neutral
Odour	None
Form	Powder
Stability	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

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

FIRST AID

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

Advice to Doctor

Other Health Hazard Information

PRECAUTIONS FOR USE

Personal Protectio

Eye Protection	Safety glasses.
Glove Type	Rubber or vinyl gloves.
Clothing	Lab Coat or Overalls
Other Information	Avoid unnecessary breathing of dust. Handle in accordance with good occupational hygiene and safety practices.

Flammability non flammable

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions	Store in a cool dry place. Stable at room temperature for at least five years when stored dry.
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Handling	Beta-D-Glucan 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.
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Proper Shipping Name	None Allocated
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Spills and Disposal

Spills and Disposal Remove large spillages by vacuum with a high efficiency filter. 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 sensitization by inhalation.

Safety Statement Do not breathe dust.

Hazard Category Not Harmful.

CONTACT POINT

Contact

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