

# Safety Data Sheet

## Phenyl-dextran

Version 3.0 Revision date 2018-11-07

### Section 1. Product Identification

Product name: Phenyl dextran  
Chemical name: *O*-3-phenoxypropan-2-ol-dextran  
Catalogue no. PhD5, PhD40, PhD 150  
CAS no. N/A  
Mol. Formula: N/A  
Manufacturer: TdB Consultancy AB, Virdings Allé 22, 754 50 Uppsala, SWEDEN  
Tel: +46 (0)730608200

### Section 2. Hazards Identification

Classification of the substance Not a hazardous substance  
Label elements Caution- substance not yet tested completely

### Section 3. Composition/Information on ingredients

Chemical family: Polysaccharide derivative  
Appearance/odour: Coarse powder, no distinctive odour  
Melting point: Decomposes on heating  
Solubility: Slightly soluble in water  
Molecular weight: Approx. 5000-150000 Dalton

### Section 4. First-aid Procedures

Inhalation: Remove exposed person to fresh air. Get medical attention.  
Eyes: Wash thoroughly with water for 15 minutes. Get medical attention.  
Skin: Wash off with soap and water.  
Ingestion: Rinse mouth with water and give water to drink. No treatment required if only small amount.

### Section 5. Fire-fighting Measures

Extinguishing media: Carbon dioxide, dry chemicals or water  
Special fire-fighting procedures: Use media appropriate for primary cause of fire.

### Section 6. Accidental Release Measures

Action in event of spill: Collect material taking precautions to minimize dust. Use wet mop.  
Place collected material in suitable container for disposal.  
Flush area with water and drain into sewer. Floor may become slippery.

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### Section 7. Handling and storage

Precautions to be taken when handling: Protect from dust. Use approved face-mask and protective clothes. Wear safety glasses. In case of severe and repeated exposure follow recommendations of local safety officer. Store in a tight dark container.

### Section 8. Exposure Controls/Personal Protection

Exposure limit: Not established  
Special personal protective equipment: Use suitable protective clothing  
Respiratory: Use approved face mask.  
Eyes: Use safety goggles.  
Gloves: Use plastic gloves

### Section 9. Physical and Chemical Properties

General information  
Appearance: Coarse powder, no distinctive odour  
pH: 6.0-7.0  
Vapour pressure: N/A  
Relative density: N/A  
Melting point: Decomposes with charring  
Molecular weight: Approx. 5000 to 150000 Dalton  
Flash point: N/A  
Fat Solubility: Not soluble  
Solubility in water: Slightly soluble

### Section 10. Stability and Reactivity

Stability (normal conditions): Stable for more than 6 years when stored dry in well-sealed containers at ambient temperature.  
Conditions to avoid: High humidity; high temperature (> 60°C).  
Incompatibility: Avoid contact with oxidizing agent (e.g. nitric acid, permanganates)  
Hazardous decomposition products: Thermal decomposition may yield oxides of carbon.

### Section 11. Toxicological information

General information: The substance has no expected toxic effects under normal operating conditions provided the recommended precautions are followed.  
Acute toxicity:  
Inhalation: The material should be handled as a potential irritant and long term or repeated exposure to dust prevented.  
Skin/Eye contact: No data available  
Long term: No data available on carcinogenicity, mutagenicity or teratogenicity.

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Routes of entry:  
Inhalation

Effects of occupational over exposure:  
No information on the toxicity after inhalation.  
Most dust will produce irritation, inflammation or toxic symptoms on prolonged inhalation.  
No information available on eye exposure.  
Dermal absorption not known but presumably nil.  
N/A

Eye contact  
Skin contact  
Ingestion

### Section 12. Ecological information

No information available. However Dextran itself is biodegradable.

### Section 13. Disposal Recommendations

Collect material taking precautions to minimize dust. Use wet mop. Place collected material in suitable container for disposal. Flush area with water and drain into sewer. Large quantities may be incinerated.

### Section 14. Transport information

EEC: Not listed  
Dangerous goods: Not restricted  
EINECS: Not listed

### Section 15. Regulatory information

P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

### Section 16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. TdB Consultancy AB shall not be held liable for any damage resulting from handling or from contact with the above product.