

Material Safety Data Sheet

According to EC directive 93/112/EC

Safety sheet No.: MSDS003	
Product: Dextran powder	
Valid from: 12.08.2010	Replaces: 12-05-2009
	Original version: 01-04-1989

1 Identification of substance/preparation and the company

Substance: Dextran powder
CAS No.: 9004-54-0
Supplier: Pharmacosmos A/S
 Roervangsvej 30
 DK-4300 Holbaek
 Denmark
Telephone: +45 5948 5959

2 Composition/information on ingredients

Dextran powder is a polymer of glucose.

3 Hazard identification

Harmless chemical.

4 First aid

None

5 Fire fighting measures

The product decomposes by fire. The fumes are non-toxic. Non-combustible.
 Use extinguishing media appropriate to the surrounding fire conditions.

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6 Accidental release measures

Personal precautions:	None
Environmental precautions:	None
Cleaning up methods:	Shovel up and collect as much as possible in a container for disposal. Rinse with water.

7 Handling and storage

Store at an ambient temperature of 15-30°C with a relative humidity of 20-80%.
Keep in a well-closed container.

8 Exposure controls/personal protection

Avoid inhalation of dust. Ensure good ventilation and local exhaust ventilation of the working area.

9 Physical and chemical properties

Appearance:	White powder
Odour:	Odourless
pH:	4.5-7.0 (in solution)
Boiling point/range:	Not applicable
Melting point/range:	Not applicable
Flash point:	Not applicable
Flammability:	Not applicable
Auto-ignition temperature:	Not applicable
Explosive properties:	Not applicable
Explosion limits:	Not applicable
Oxidizing properties:	Not applicable
Vapour pressure:	Not applicable
Density:	Not determined
Bulk density:	Not determined
Solubility in water:	Easily soluble
Solubility in other solvents:	Insoluble
Relative vapour density:	Not applicable
Viscosity:	Not applicable

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10 Stability and reactivity

Stability:	Stable under recommended storage and handling conditions.
Conditions to avoid:	None
Materials to avoid:	Not applicable
Hazardous decomposition products:	Not applicable

11 Toxicological information

Acute toxicity:	
Oral LD_{50}:	No data available
Dermal LD_{50}:	No data available
Inhalation LD_{50}:	No data available
Irritation:	
Skin:	No data available
Eye:	No data available
Respiration:	No data available
Sensitization:	No data available
Other toxicological information:	None

12 Ecological information

If entering the sewage system, dextran is easily digested and has no toxic effects. Does not damage the microbial activity in the sewage treatment plant.

13 Disposal considerations

Product:	Incineration, according to local regulations.
Contaminated packaging:	Incineration, according to local regulations.
Other information:	None

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14 Transport information

LAND TRANSPORT:

ADR class:	Not applicable
Other information:	Not dangerous goods, according to national and international transport regulations.

SEA TRANSPORT:

UN number:	Not applicable
Other information:	Not dangerous goods, according to national and international transport regulations.

AIR TRANSPORT:

UN number:	Not applicable
Other information:	Not dangerous goods, according to national and international transport regulations.

15 Regulatory information

Labelling:	According to own criteria
Symbols:	None
Risk phrase:	None
Safety phrase:	None

16 Other information

The information is correct and complete to the best of our present knowledge and is given in good faith, but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of the product.

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