

Safety Data Sheet

Dextran Powder

Product: Dextran Powder	
Revision 3.0: 08/02/2024	
Formula: (C ₆ H ₁₀ O ₅) _{n+1}	Recommended Use: Laboratory Chemicals

1 Product Identifiers

Substance: Dextran Powder
CAS No.: 9004-54-0
Supplier: Dextran Products
421 Comstock Rd. Scarborough, ON M1L
2H5, Canada
Websites: dextran.ca
Telephone: T: 610.599.3400
Email: ehs@biospectra.us

2 Composition, Information on Ingredients

Dextran Powder is a polymer of glucose. (CAS no. 9004-54-0)

3 Hazard Identification

Not classified as a Hazardous Substance or mixture.

4 First Aid Measures

Eyes: Flush eyes with large amounts of water for at least 15 minutes. Hold the eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Obtain immediate medical attention.
Skin: Wipe off and flush with water.

5 Firefighting Measures

Not considered to be a fire hazard.

Use any means suitable for extinguishing surrounding fire
Use protective clothing and breathing equipment appropriate for surrounding fire.

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 and Personal Protection

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

9 Physical and Chemical Properties

Appearance: White fluffy powder
Odor: Slight phenolic
pH: smell
Boiling Point/Range: Not applicable
Melting Point/Range: No Data Available
Flash point: No Data Available
Flammability: Not applicable
Auto-ignition temperature: Not applicable
Explosive Properties: Not applicable
Explosion Limits: Not applicable
Oxidizing Properties: Not applicable
Vapor Pressure: Not applicable
Density: Not applicable
Bulk Density: Not applicable
Water Solubility: Easily soluble

Solubility in other Solvents:	Insoluble
Relative Vapor Density:	Not applicable
Viscosity:	Not applicable

10 Stability and Reactivity

Stability:	Stable under recommended storage and handling conditions. Avoid excessive heat, open flames and all ignition sources
Conditions to avoid:	Not applicable
Materials to avoid:	
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

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.