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
Websites: www.pharmacosmos.com
www.dextran.net
Telephone: +45 5948 5959
Email dextran@pharmacosmos.com

2 Composition/information on ingredients

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

3 Hazard identification

Harmless chemical.

4 First aid

None

5 Fire fighting measures

Not considered to be a fire hazard.
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 formation of dust
- Avoid inhalation of dust. Ensure good ventilation and local exhaust 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
### 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

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.