Safety Data Sheet
DEAE-Dextran

Version 3.0 Revision date 2019-12-11

Section 1. Product Identification

Product name:	DEAE-dextran
Chemical name:	2-Diethylaminoethyl-dextran hydrochloride
Catalogue no.	DD4, DD10, DD20, DD40, DD70, DD110, DD150, DD500, DD2000
CAS no.	9015-73-0
Mol. Formula:	N/A
Manufacturer:	TdB Labs 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:	Carbohydrate polymer
Appearance/odour:	White to off-white powder, no distinctive odour
Melting point:	Decomposes on heating
Solubility:	Soluble in water
Molecular weight:	4000-2 million 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:	No harmful effects reported. 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.

Section 7. Handling and storage

Precautions to be taken when handling:	Protect from dust. Use approved facemask and protective clothes. Wear safety glasses. In case of severe and repeated exposure follow recommendations of local safety officer. Store in 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

Formula:	N/A
Vapour pressure:	N/A
Melting point:	Decomposes
Boiling point:	N/A
Molecular weight:	approx. 4000-2 million Dalton
Flash point:	N/A
Solubility in water:	> 50% by weight

Section 10. Stability and Reactivity

Stability (normal conditions):	Stable for more than 3 years when stored dry in well-sealed containers at ambient temperature.
Hazardous polymerization:	Does not occur
Conditions to avoid:	High humidity
Incompatibility:	Avoid contact with oxidizing agent (e.g. nitric acid)
Hazardous decomposition products:	Thermal decomposition may yield oxides of carbon and small amounts of oxides of nitrogen.

Section 11. Toxicological information

Toxicity information:	The substance is well tolerated by experimental animals and cells and no toxic effects are expected under normal operating conditions. No formal toxicity reports available.
LD50:	N/A
Routes of entry:	Effects of occupational over exposure:
Inhalation	No information on the toxicity after inhalation. Most dust will produce irritation, inflammation or toxic symptoms on prolonged inhalation.
Eye contact	No information available on eye exposure.
Skin contact	Dermal absorption not known but presumably nil.
Ingestion	A daily oral dose of 2-3 grams of DD500 has been approved in studies in Italy.
	No information available on toxicity for all others.

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 Labs AB shall not be held liable for any damage resulting from handling or from contact with the above product.