



**Dextran 6 For Molecular Biology**  
**CAS NO 9004-54-0**

**MATERIAL SAFETY DATA SHEET**  
**SDS/MSDS**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifiers**

Product name : Dextran 6 For Molecular Biology

CAS-No. : 9004-54-0

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Industrial & for professional use only.

**1.3 Details of the supplier of the safety data sheet**

Company : Central Drug House (P) Ltd  
7/28 Vardaan House  
Ansari Road Daryaganj  
New Delhi -110002  
INDIA

Telephone : +91 11 49404040

Email : [care@cdhfinechemical.com](mailto:care@cdhfinechemical.com)

**1.4 Emergency telephone number**

Emergency Phone # : +91 11 49404040 (9:00am - 6:00 pm) [Office hours]

**SECTION 2 Hazards identification**

**2.1 Classification of the substance or mixture**

***Physical Hazards***

not classified

***Health Hazards***

not classified

***Environmental Hazards***

not classified

**1.1 Label elements**

not classified

**SECTION 3 Composition/information on ingredients Substance related information**

*Substance name* Dextran 6 - MW 5,500 to 7,500

*Synonyms*

*Cas No.* [9004-54-0]

*Formula*

## **SECTION 4 First aid measures**

### **4.1 Description of first aid measures**

#### **First Aid: Eye**

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

#### **First Aid: Skin**

Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

#### **First Aid: Ingestion**

Wash out mouth with water provided person is conscious. Call a physician.

### **4.2 Most important symptoms and effects, both acute and delayed**

#### **Hints for Physician: Symptoms**

See Section 11 for additional information on health hazards

### **4.3 Indication of any immediate medical attention and special treatment needed**

#### **First Aid: Inhalation**

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

#### **Hints for Physician: Treatment**

Treat symptomatically.

## **SECTION 5 Firefighting measures**

### **5.1 Extinguishing Media Suitable**

foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>), water spray jet

### **5.2 Special hazards arising from the substance or mixture**

Wear a self-contained breathing apparatus and chemical protective clothing.

### **Hazards During Fire-Fighting**

toxic fumes

### **5.3 Fire-Fighting/Further Advice**

Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## **SECTION 6 Accidental release measures**

### **6.1 Personal Precautions, protective equipment and emergency procedures**

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

### **6.2 Environmental Precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

### **6.3 Methods and material for containment and cleaning up**

not available

### **6.4 Further Accidental Release Measures**

Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

## **SECTION 7 Handling and storage**

### **7.1 Precautions for safe handling**

#### **Handling advice**

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Storage temperature**

store at 10°C - 25°C

#### **Storage Requirements**

Keep away from incompatible substances. Store in a cool, dry, well-ventilated area away from incompatible substances.

### **7.3 Specific end use(s)**

## SECTION 8 Exposure controles/personal protection

### 8.1 Exposure limit values

Does not contain any substances with occupational exposure limits.

### 8.2 Exposure controles

#### Industrial Hygiene

Mechanical exhaust required. Safety shower and eye shower.

### 8.3 Personal Protective Equipment

#### Respiratory Protection

Wear NIOSH/MSHA or European Standard EN 149 approved respirator.

#### Hand Protection

Wear compatible chemical-resistant gloves to prevent skin exposure.

#### Eye Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.

#### Body Protection

Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

#### Advice on Safe Handling

Wash contaminated clothing before reuse. Wear appropriate protective clothing to prevent exposure.

## SECTION 9 Physical and chemical properties

### 9.1 Information on basic Physical and chemical color properties

*Color*

white

*Form*

powder

### 9.2 Other information

## SECTION 10 Stability and reactivity

### 10.1 Reactivity

No Data Available

### 10.2 Chemical stability

No Data Available

### 10.3 Possibility of hazardous reaction

No Data Available

### 10.4 Conditions to Avoid (SDS)

incompatible materials

### 10.5 Incompatible materials

strong oxidizers

## SECTION 11 Toxicological information

### 11.1 Information on toxicological effects

#### Other Relevant Toxicity Information

We are not aware of any toxicology data.

## SECTION 12 Ecological Information

### 12.1 Toxicity

	Test Type	Species	Method	Exposure Time	Value in standard unit mg/l
<b>Acute toxicity versus Fishing</b>	No data available	No data available	No data available	No data available	No data available
	Test Type	Species	Method	Exposure Time	Value in standard unit mg/l
<b>Acute toxicity in aquatic plants</b>	No data available	No data available	No data available	No data available	No data available
	Test Type	Species	Method	Exposure Time	Value in standard unit mg/l
<b>Acute toxicity versus Daphnia and others aquatic invertebrates</b>	No data available	No data available	No data available	No data available	No data available
	Test Type	Species	Method	Exposure Time	Value in standard unit mg/l

### 12.2 Persistence and degradability

Remarks : no data available

**12.3 Bioaccumulative potential**

Remarks : no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

no data available

**12.6 Other adverse effects**

no data available

**SECTION 13 Disposal considerations****Advice on Disposal and Packaging***Advice on Disposal*

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and Exhaust air. Dispose of waste according to laws applicable.

*Advice on Packaging*

not available

**SECTION 14 Transport information**

	<b>Road Transport(ADR/GGVS)</b>	<b>Air Transport(IATA)</b>
<b>14.1 UN number</b>	Not Dangerous Goods	Not Dangerous Goods
<b>14.2 UN proper shipping name</b>	Not Dangerous Goods	Not Dangerous Goods
<b>14.3 Transport hazard class(es)</b>	Not Dangerous Goods	Not Dangerous Goods
<b>14.4 Packing group</b>	Not Dangerous Goods	Not Dangerous Goods
<b>14.5 Environmental hazard class(es)</b>	Not Dangerous Goods	Not Dangerous Goods
<b>14.6 Special precautions for user</b>	Not applicable	Not applicable
<b>14.7 Transport in bulk according to Annex 11 of MARPOL and the IBC code</b>	Not applicable	Not applicable

**SECTION 15 Other regulations****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****US Federal Regulations**

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

**US State Regulations**

Toxins

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.  
 California Directors List of Hazardous Substances  
 None of the ingredients are listed or exempt.  
 Massachusetts "Right To Know" List  
 None of the ingredients are listed or exempt.  
 Rhode Island "Right To Know" List  
 None of the ingredients are listed or exempt.  
 Minnesota "Right To Know" List  
 None of the ingredients are listed or exempt.  
 New Jersey "Right To Know" List  
 None of the ingredients are listed or exempt.  
 Pennsylvania "Right To Know" List  
 None of the ingredients are listed or exempt.  
 not available

Component	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Dextran 6 - MW 5,500 to 7,500	-----	-----	-----

**15.2 Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16 Additional information**

**Further 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. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.cdhfinechemical.com](http://www.cdhfinechemical.com) for additional terms and conditions of sale.