

# SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2020127198EN

Date: December 7, 2020

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**Applicant Name** : HERBON INTERNATIONAL POLYSACCHARIDE BIOTECHNOLOGY  
(HEYUAN) CO. LTD.

**Applicant Address** : 1 LONG LING ROAD, LONG LING INDUSTRIAL PARK, YUAN  
CHENG AREA, HE YUAN CITY, GUANG DONG PROVINCE, CHINA.

**Product Name** : Dextran Sulfate Sodium Salt

**Received Date** : December 2, 2020

**Compilation Period** : December 2, 2020 to December 7, 2020

**Regulatory Requirements** : As requested by the applicant, the Safety Data Sheet is prepared  
according to EU regulations 1907/2006/EC, 1272/2008/EC,  
2015/830/EU.

Signed for and on behalf of Guangdong NewBest Testing Service Co., Ltd.

Approved by:



Manager



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## SECTION 1. Identification of the substance/preparation and company

<b>1.1 Product Identification</b>	:	Dextran Sulfate Sodium Salt
<b>1.2 Model No.</b>	:	/
<b>1.3 Recommended Use</b>	:	/
<b>1.4 Manufacturer Name</b>	:	HERBON INTERNATIONAL POLYSACCHARIDE BIOTECHNOLOGY (HEYUAN) CO. LTD.
<b>1.5 Manufacturer Address</b>	:	1 LONG LING ROAD, LONG LING INDUSTRIAL PARK, YUAN CHENG AREA, HE YUAN CITY, GUANG DONG PROVINCE, CHINA.
<b>1.6 Manufacturer Tel</b>	:	+86(0)7623499803
<b>1.7 Manufacturer Fax</b>	:	/
<b>1.8 Manufacturer Email</b>	:	INFO@HERBON-INTERNATIONAL.COM
<b>1.9 Emergency Phone</b>	:	+86(0)7623499803

## SECTION 2. Hazards identifications

### 2.1 Hazard Class:

According to EU regulation No 1272/2008(CLP), classification of risk categories.

Skin Corrosion / Irritation, categories 2

Serious Eye Damage / Eye Irritation, categories 2

Specific target organ toxicity - Single, categories 3

### 2.2 Pictograms:



### 2.3 Signal word:

Warning

### 2.4 Hazard description:

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- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.

### 2.5 Precautionary description:

- P260 Do not breathe in dust / smoke / gas / smoke / vapour / spray.
- P264 Wash face and hand thoroughly after handling.
- P271 Can be used outdoors or in well ventilated places.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

### 2.6 Other hazard

PBT and vPVB: None

## SECTION 3. Composition / information on ingredients

Ingredient(s) of the product: pure

Substance name	Conc. (%)	CAS. No	EC No	Hazard
Dextran Sulfate Sodium	>98	9011-18-1	618-471-1	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3

## SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

### 4.1 Following inhalation:

If feeling uncomfortable, victim should be moved into fresh air. Seek medical attention.

### 4.2 Following skin contact:

Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feeling uncomfortable.

### 4.3 Following eye contact:

In case of contact may cause irritation, immediately flush eyes with plenty of water for at least 15

minutes. Call a physician immediately if eyes are hurt.

#### 4.4 Following ingestion:

If it is ingested, drink enough water or milk, vomite. Seek medical attention.

## SECTION 5. Firefighting measures

### 5.1 Hazardous Characteristics:

This product has no fire hazard.

### 5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

### 5.3 Firefighting procedures:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

### 5.4 Hazardous combustion products:

None

## SECTION 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective measures (SEE SECTION 8).

Avoid inhaling vapors and contacting with skin and eye.

### 6.2 Environmental precautions:

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

### 6.3 Cleaning method:

Remove by vacuum cleaner. Avoid dust. Adhered or collected material should be promptly disposed of.

Disposal of discarded waste/pollutants refers to SECTION 13.

## SECTION 7. Safe handling and storage

### 7.1 Handling Notes:



Keep indoor ventilation or local exhaust device.

Avoid formation of dust

Avoid contact with eyes and skin.

### 7.2 Storage Notes:

Stored in cool and dry condition.

Stored in compatible containers.

Keep the container closed.

Do not store with incompatible material (see section 10.2)

## SECTION 8. Exposure controls / personal protection

### 8.1 Occupational Exposure Limit:

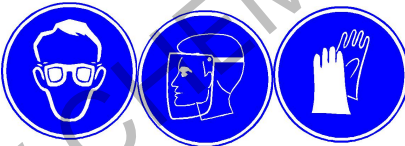
No relevant data

### 8.2 Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

### 8.3 Personal Protection:

General requirement:	
Respiratory:	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
Eyes:	Wear protective goggle (Conform to EC EN 166 or US-NIOSH).
Hands:	Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.

### 8.4 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

## SECTION 9. Physical and chemical properties

<b>Appearance and Color</b>	White powder
<b>Odour</b>	Odorless
<b>PH value</b>	5-7.5 (6% aqueous solution)
<b>Flammability</b>	Noncombustible
<b>Density(g/cm<sup>3</sup>)</b>	No Data
<b>Relative steam density (air = 1)</b>	Not Applicable
<b>Vapor pressure(MPa)</b>	Not Applicable
<b>Octanol/water partition coefficient</b>	Not Applicable
<b>Viscosity</b>	Not Applicable
<b>Flash point(°C,Closed cup)</b>	No Data
<b>Boiling point(°C)</b>	No Data
<b>Melting point (°C)</b>	No Data
<b>Evaporation rate (kg/s)</b>	Not Applicable
<b>UEL %(V/V)</b>	Not Applicable
<b>LEL %(V/V)</b>	Not Applicable
<b>Auto-ignition temperature(°C)</b>	Not Applicable
<b>Decomposition temperature(°C)</b>	Not Applicable
<b>Solubility</b>	Soluble in water

## SECTION 10. Stability and reactivity

### 10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

### 10.2 Material for avoiding:

Strong oxide, acid and alkali.

### 10.3 Contact conditions for avoiding:

Damp, high temperature.



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**10.4 Hazardous decomposition products:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11. Toxicological information****11.1 Acute toxicity:**

Based on available data, the classification criteria are not met.

**11.2 Skin corrosion/irritation:**

Skin Corrosion / Irritation, categories 2

**11.3 Serious eye damage/irritation:**

Substance name: Dextran Sulfate Sodium (CAS: 9011-18-1)

ROUTE OF EXPOSURE: eye

DOSE/DURATION: 500 mg/24H

REACTION SEVERITY : Mild

**11.4 Respiratory or skin sensitisation:**

Based on available data, the classification criteria are not met.

**11.5 Germ cell mutagenicity:**

Based on available data, the classification criteria are not met.

**11.6 Carcinogenicity:**

Based on available data, the classification criteria are not met.

**11.7 Reproductive toxicity:**

Based on available data, the classification criteria are not met.

**11.8 STOT-single exposure:**

Specific target organ toxicity - Single, categories 3

**11.9 STOT-repeated exposure:**

Based on available data, the classification criteria are not met.

**11.10 Aspiration hazard.:**

Based on available data, the classification criteria are not met.



## SECTION 12. Ecological information

### 12.1 Toxicity:

No data available.

### 12.2 Persistence and degradability:

No data available.

### 12.3 Bioaccumulative potential:

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Other Dangers:

No data available.

## SECTION 13. Disposal considerations

### 13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

### 13.2 Handling method for uncleaned packaging

Processing as general waste processing after the empty container.

## SECTION 14. Transport information

This is not classified as a hazardous/dangerous material under IATA, IDMG, DOT regulations.

<b>Packaging Label</b>	None
<b>UN NO</b>	None
<b>Technical name</b>	None
<b>Transport hazard class</b>	None
<b>Subsidiary hazard class</b>	None
<b>Packing group</b>	None
<b>Marine pollutant</b>	No



## SECTION 15. Regulatory information

### 15.1 Safety, health and environmental regulations / laws for pure substances or mixtures

#### Catalogue of hazardous chemicals (2015 Edition)

Not included in the list.

#### EU law 2012/18/EU

Not included in the list.

Qualifying quantity( tonnes) for the application of lower-tier requirements: Not applicable

Qualifying quantity( tonnes) for the application of upper-tier requirements: Not applicable

#### Other regulations:

EU regulations Reach Annex III: Dextran Sulfate Sodium (CAS: 9011-18-1) criteria for 1 - 10 tonne registered substances

#### EU regulations Reach annex XVII restricted substances (2062019)

Not included in the list.

#### Substances authorized in Annex IV of EU regulation reach (13 / 6 / 2017)

Not included in the list.

### 15.2 Safety assessment of chemical substances

Not evaluated

## SECTION 16. Other information

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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