

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : Pentosan polysulfate sodium salt

CAS-No. : 37319-17-8

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

Identified uses : Laboratory chemicals, Synthesis and Manufacture of substances

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

Company : Changzhou Extraordinary Pharmatech co.,LTD

Add:No4 HouYang chemical industrial park.Changzhou Jiangsu province P.R.China

Email: info@feifanchem.com

Telephone : +86 519 82111935

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### 2. HAZARDS IDENTIFICATION

CAS#	Chemical Name	%	EINECS#	Haz Symbols	RISK PHRASES
37319-17-8	Pentosan Polysulfate Sodium Salt	>95%	-	-	-

Hazard Symbols: XN

Risk Phrases: 22

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### EMERGENCY OVERVIEW

Harmful if swallowed.

#### Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation. Compound is Non-hazardous,Non-Toxic/Non-Flammable.

### 4. FIRST AID MEASURES

#### Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

#### Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

#### Ingestion:

Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

#### Inhalation:

Remove from exposure and move to fresh air immediately.

#### Notes to Physician:

### 5. FIREFIGHTING MEASURES

#### General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or

combustion.  
Extinguishing Media:  
In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

## 6. ACCIDENTAL RELEASE MEASURES

**General Information:** Use proper personal protective equipment as indicated in Section 8.  
Spills/Leaks:  
Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

## 7. HANDLING AND STORAGE

Handling:  
Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.  
Storage:  
Store in a well closed container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:  
Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.  
Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.  
Personal Protective Equipment  
Eyes:  
Wear safety glasses and chemical goggles if splashing is possible.  
Skin:  
Wear appropriate protective gloves and clothing to prevent skin exposure.  
Clothing:  
Wear appropriate protective clothing to minimize contact with skin.  
Respirators:  
Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: \_\_\_\_\_  
Molecular Formula: \_\_\_\_\_  
(C<sub>5</sub>H<sub>6</sub>Na<sub>2</sub>O<sub>10</sub>S<sub>2</sub>)<sub>n</sub>  
Molecular Weight: \_\_\_\_\_

## 10. STABILITY AND REACTIVITY

Chemical Stability:  
Stable under normal temperatures and pressures.  
Conditions to Avoid:  
Incompatible materials, strong oxidants.  
Incompatibilities with Other Materials:  
Strong oxidizing agents, strong bases.  
Hazardous Decomposition Products:  
Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.  
Hazardous Polymerization: Has not been reported.

## 11. TOXICOLOGICAL INFORMATION

CAS# : LD50/LC50:

CAS# :Draize test, rabbit, eye: 100 mg/24H Moderate; Oral,  
mouse: LD50 = 300 mg/kg; Oral, rabbit: LD50 = 3200 mg/kg; Oral, rat:  
LD50 = 980 mg/kg.

Carcinogenicity:

Salicylamide -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

IATA No information available.

IMO No information available.

ID/ADR No information available.

## 15. REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

**Hazard Symbols:** XN

Risk Phrases:

R 22 Harmful if swallowed.

Safety Phrases:

WGK (Water Danger/Protection)

CAS# United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# is listed on Canada's DSL List.

CAS# is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# is listed on the TSCA inventory.

## 16. OTHER INFORMATION

This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority.

The products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from

opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

**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. Changzhou Extraordinary Pharmatech co., LTD not be held liable for any damage resulting from handling.