



Xi ' an Esurey Bio-technology Co.,Ltd

Room 1201, Vanke Wisdom Center, Xifeng Road, Yanta District, Xi'an, Shaanxi Province, China

Chemical Safety Data Sheet

1. Product Information

Product name Polydeoxyribonucleotide /PDRN
Company name Xi'an Esurey Bio-technology Co., Ltd
Address Room 1201, Vanke Wisdom Center, Xifeng Road, Yanta District, Xi'an, Shaanxi Province, China

2. Composition/composition information

INCI name SODIUM DNA
English name SODIUM DNA
Molecular weight Measured value

CAS number	EC number	Component	Content
N/A	N/A	SODIUM DNA	≤ 100%

3. Overview of hazards

Overview of emergencies

The substance has no toxic effect on the human body and the environment.

4. First aid measures

inhale

Provide fresh air. If necessary, provide artificial respiration to keep the patient warm. If symptoms persist, consult a doctor. Seek medical advice immediately.

Skin contact

Rinse thoroughly with water.

Eye contact

Open your eyes and rinse with running water for a few minutes and consult a doctor.

Swallowed

Rinse your mouth with water and seek medical treatment if necessary.

5. Fire protection measures

Fire extinguishing medium

Use water mist, alcohol resistant foam, dry powder or carbon dioxide to extinguish the fire.

Special equipment required by firefighters

Wear a self-contained breathing apparatus to fight fires.

Wear full protective clothing.

6. Leak contingency measures

Personal precautions

Evacuate unrelated personnel and ensure sufficient ventilation. Avoid inhaling dust from leaks.

Environmental precautions

Vacuum suction or cleaning of spills and collecting them in appropriate containers for disposal.

Cleanup method

Avoid generating dust during the cleaning process. For garbage disposal, refer to Article 13 of the MSDS. Thoroughly clean the surface to remove residual contamination.

7. Operations processing and storage**Operation processing**

Provide suitable exhaust equipment in areas where dust is generated.

storage

Keep the container tightly closed and store in a cool, dry, and ventilated place.
Keep away from oxidant storage.

8. Contact control/personal protection**Personal protective equipment**

Follow general precautions.

Respiratory protection

A risk assessment should be conducted to determine whether an air purifying respirator is suitable.

Skin protection

Chemical compatibility gloves. When handling the solution, ensure that the glove material can prevent the solvent used. The operating method used should minimize direct hand contact as much as possible. Employees who are allergic to natural rubber (latex) should use nitrile gloves or other synthetic non latex gloves. Powder coated latex gloves should be avoided to prevent latex allergies.

Eye protection

It is recommended to wear protective goggles with side protection.

Body protection

Protective overalls.

Hygiene measures

General industrial hygiene practices.

Operate in accordance with good industrial hygiene and safety practices.

9. Physical and chemical properties**Appearance**

shape	Powder or fiber solid
color	White or off white

Security data

pH	6.0-8.0
melting point	No data available
boiling point	No data available
flash point	No data available
Lighted	No data available
Lower explosion limit	No data available
Upper limit of explosion	No data available
Relative density (water = 1)	No data available
Relative vapor density (air = 1)	No data available
solubility	Water soluble, insoluble in ethanol
Saturated vapor pressure	No data available

10. Stability and reactivity

Storage stability

Stable under recommended storage conditions.

Conditions that should be avoided

There are no known conditions to avoid exposure.

Forbidden mixtures

Strong oxidant.

Harmful decomposition products

No data available

Aggregation hazards

No known aggregation hazards

11. Toxicological information

Acute toxicity	No data available
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Irritating and corrosive	No data available
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Sensitizing	No data available
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Potential health effects

inhale	No data available
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skin	No data available
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Eye	No data available
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Ingestion	No data available
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12. Ecological Letters

Elimination of information (persistent and degradable)

No data available

Ecotoxicity

No data available

Other harmful effects

No data available

13. Disposal of waste

Products

Leave the remaining and non-recyclable solution to a licensed company for disposal.

Contaminated packaging

Empty containers should be sent to approved waste disposal sites for recycling or disposal. There may be product residue inside empty containers, so follow label warnings even if the container is empty.

Non-conforming products and returned goods

Handle in accordance with local regulations. Empty containers or liners may leave some product behind. The material and its container must be handled in a safe manner (see: Products).

14. Shipping Information

No danger, no special monitoring required.

15. Regulatory information

Hazard marking

Not required

This document provides only safety information related to this product.

16. Additional Information

The above information is believed to be correct, but it is not exhaustive and should be used as indicative material only. The information in this document is based on our knowledge of the current state of the art and appropriate safety precautions in terms of product applicability. It does not represent any guarantee of product performance.