

1. Identification of the substance/mixture and of the company/undertaking

Product : Fibronectin Neosilk®, Cellular

Product detail : Recombinant human cellular fibronectin

Product number : 54072

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

No further relevant information available.

Application of the substance / the preparation

Laboratory reagent / Cell culture substrate

The product is intended for professional use

Manufacturer/Supplier of the safety data sheet

Immuno-Biological Laboratories Co., Ltd.

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2. Hazards identification**GHS classification and label elements of the product****Classification of the substance or mixture**

- (Note) GHS classification without description: Not applicable/Out of classification/Not classifiable

3. Composition/information on ingredients

- **Mixture/Substance selection** : Mixtures
- **Product Name** : Fibronectin Neosilk®, Cellular
- **Concentration** : ≤100 %
- **Formula** : Lyophilized product
- **Molecular Weight** : 220 kDa

4. First-aid measures**Descriptions of first-aid measures****General measures**

- Get medical attention/advice if you feel unwell.

IF INHALED

- Remove person to fresh air and keep comfortable for breathing.
- Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair)

- Take off immediately all contaminated clothing.
- Rinse skin with water/shower. Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES

- Rinse cautiously with water for several minutes.
- Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

- Rinse mouth. Do NOT induce vomiting.
- Call a POISON CENTER or doctor/physician if you feel unwell.

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5. Firefighting measures**Extinguishing media**

- Use extinguishing media appropriate for the surrounding fire.

Special hazards arising from the substance or mixture

- May emit toxic fumes under fire conditions.

Special protective equipment for firefighters

- Wear self-contained breathing apparatus and full protective clothing if necessary.

6. Accidental release measures**Personnel precautions, protective equipment and emergency procedures**

- Ventilate area until material pick up is complete.
- Wear proper protective equipment.

Environmental precautions

- Prevent spills from entering sewers, watercourses or low areas.
- Avoid raising dust.

Methods and materials for containment and cleaning up

- Sweep up, place in a bag and hold for waste disposal.

Preventive measures for secondary accident

- Collect spillage.

7. Handling and storage**Precautions for safe handling**

- Avoid contact with skin and eyes. Avoid formation of dust. Avoid breathing dust, vapors, mist or gas.
- Wear appropriate protective personal equipment. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities

- Keep tightly closed.
- Store at 2-10°C, dark and dry place.

8. Exposure controls/personal protection**Control parameters**

- Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls

- Do not use in areas without adequate ventilation.
- Eye wash station should be available.
- Washing facilities should be available.

Individual protection measures

Respiratory protection

- Wear respiratory protection.

Hand protection

- Wear protective gloves.

Eye protection

- Wear eye/face protection.

9. Physical and Chemical Properties**Information on basic physical and chemical properties**

- | | |
|-------------------|------------------------|
| • Appearance: | White lumps or powders |
| • Odor: | No data available |
| • Odor Threshold: | No data available |
| • pH: | No data available |

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• Melting point/freezing point:	No data available
• Initial boiling point and boiling range:	No data available
• Flash point:	No data available
• Evaporation rate:	No data available
• Flammability (solid, gas):	No data available
• Upper / lower flammability or explosive limits:	No data available
• Vapor pressure:	No data available
• Vapor density:	No data available
• Relative density:	No data available
• Solubility(ies):	No data available
• Partition coefficient: n -octanol / water:	No data available
• Auto-ignition temperature:	No data available
• Decomposition temperature:	No data available
• Viscosity:	No data available
• Explosive properties:	No data available
• Oxidizing properties:	No data available

10. Stability and Reactivity

• Reactivity: Stable	
• Chemical stability:	Stable at 2-10°C, dark and dry place
• Possibility of hazardous reactions:	No data available
• Conditions to avoid:	Heat, sunlight, high temperature
• Incompatible materials:	Strong oxidizing agents, strong acids and bases

11. Toxicological Information**Information on toxicological effects**

• Acute toxicity:	No data available
• Skin corrosion / irritation:	No data available
• Serious eye damage/eye irritation:	No data available
• Carcinogenicity:	No data available
• Reproductive toxicity:	No data available
• STOT - SE:	No data available
• STOT - RE:	No data available
• Aspiration hazard:	No data available

Potential health effects

• Ingestion:	May be harmful if swallowed.
• Inhalation:	May be harmful if inhaled. Causes respiratory tract irritation.
• Skin:	May be harmful if absorbed through skin. Causes skin irritation.
• Eyes:	Causes serious eye irritation.

Additional Information

- No additional information is available

12. Ecological Information

• Ecotoxicity:	No data available
• Hazardous to the aquatic environment (Acute) :	No data available
• Hazardous to the aquatic environment (Long-term) :	No data available
• Persistence and degradability :	No data available
• Bioaccumulative potential :	No data available
• Mobility in soil :	No data available
• Results of PBT and vPvB assessment :	No data available.

13. Disposal considerations**Waste treatment methods**

- Avoid release to the environment (- if this is not the intended use).
- Dispose of contents/container in accordance with local/national regulation.

14. Transport Information

- UN No. : Not applicable
- Class or division : Not applicable
- Packing group : Not applicable

15. Regulatory Information**Safety, health and environmental regulations / legislation specific for the substance or mixture**

- No information available

Chemical Safety Assessment

- No information available

16. Other information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used as a guide. Immuno-Biological Laboratories Co., Ltd. shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the user.

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