MSDS

Part 1: Identification of the substance/mixture and of the company/undertaking

Substance or Mixture Identification

Product Name:Nucleus Pulposus Cell Medium

Product Code: P4501

Company / Undertaking Identification

Company: Shanghai Qida Biotechnology Co., Ltd.

Address: Room 308, Building 3, No.1658 Jinshi Road, Baoshan District, Shanghai

Postal Code: 201900

Telephone: 4001790116

Fax: 4001790116

Website: www.ldraft.com

Part 2: Hazards identification

GHS- Classification

Signal Word: No hazard

Health Hazards: No hazard

Physical Hazards: No hazard

European Union :No hazard

EU Specific Hazard Statements

R- phrases: None

Safety Phrases: None

Potential Health Effects

Eye	May cause eye irritation in susceptible individuals
Skin	May cause skin irritation in susceptible individuals
Inhalation	May be harmful if inhaled
Ingestion	May be harmful if swallowed

Special Effects

Carcinogenicity	None
Mutagenic Effects	None
Reproductive Toxicity	None
Sensitization	None
Target Organ Effects	No known effects under normal conditions of use

Part 3: Composition / information on ingredients

This product contains no substances hazardous to health at their given concentrations. Contact with acids or bleach may release toxic gases. Do not add acids or bleach to waste solutions containing this product. Handle all chemicals with caution.

Part 4: First- aid measures

Skin contact: Rinse cautiously with water for several minutes. If symptoms occur, obtain medical advice.

Eye contact: Immediately rinse with plenty of clean water for at least 15 minutes, including under the eyelids. If symptoms persist, call a physician.

Ingestion: Do not give anything by mouth to an unconscious person. Call a physician if symptoms persist. Do not induce vomiting without medical advice.

Inhalation: Remove victim to fresh air. Call a physician if symptoms persist. If breathing has stopped, perform artificial respiration.

Notes to physician: Treat symptomatically.

Part 5: Fire- fighting measures

Suitable extinguishing media: Water spray, carbon dioxide (CO_2), foam, dry chemical powder.

Special protective equipment for firefighters: Wear self- contained breathing apparatus and protective clothing.

Part 6: Accidental release measures

Personal precautions	Use personal protective equipment
Methods for clean- up	Absorb with inert absorbent material

Environmental precautions: Prevent further leakage or spillage if safe to do so. See Section 12 for further information.

Part 7: Handling and storage

Handling: Always wear recommended personal protective equipment. No special handling recommendations.

Storage: Store in a dry, cool and well- ventilated place.

Part 8: Exposure controls / personal protection

Exposure limit values: None available

Engineering controls: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment Requirements for personal protective equipment depend on risk assessments performed at the user' s institution and in each individual laboratory where this material is used.

Respiratory protection	Wear appropriate respiratory protective equipment if ventilation is poor
Hand protection	Permeation- resistant gloves
Eye protection	Safety glasses with side shields
Skin and body protection	Light- duty protective clothing
Remarks	Operate in accordance with good industrial hygiene and safety practices
Environmental exposure controls	Prevent entry of product into drains

Part 9: Physical and chemical properties

General information	
Physical state	Liquid
Appearance	Colourless or yellow, pink to brown-grey
Odour	No information available
Boiling point / boiling range	No data available (°C / °F)
Melting point / melting range	No data available (°C / °F)
Flash point	No data available (°C / °F)
Auto- ignition temperature	No data available (°C / °F)

General information	
Oxidising properties	No information available

Part 10: Stability and reactivity

Stability: Stable under normal conditions. Contact with acids or bleach may release toxic gases. Do not add acids or bleach to waste solutions containing this product.

Materials to avoid: Sodium hypochlorite

Hazardous decomposition products: None under normal conditions of use.

Hazardous polymerisation: Hazardous polymerisation will not occur.

Part 11: Toxicological information

Acute toxicity	No data available
Potential health effects- Eye	May cause eye irritation in susceptible individuals
- Skin	May cause skin irritation in susceptible individuals
- Inhalation	May be harmful if inhaled
- Ingestion	May be harmful if swallowed
Carcinogenicity	None
Mutagenic effects	None
Reproductive toxicity	None
Sensitization	None
Target organ effects	No known effects under normal conditions of use

Part 12: Ecological information

Ecotoxicity	No information available
Mobility	No information available
Biodegradability	Intrinsically biodegradable
Bioaccumulative potential	The substance is not bioaccumulative

Part 13: Disposal considerations

Dispose of waste in accordance with local regulations as general waste.

Part 14: Transport information

IATA

Proper shipping name: Not classified as dangerous goods within the meaning of transport regulations.

Hazard class / sub- division: None
Packing group: None
UN number: None

Part 15: Regulatory information

Compliance with international inventories

Part 16: Other informatio

This product is for scientific research use only.

The information above has been obtained through diligent searches and/or investigations; recommendations are based on careful application of professional judgement. This information is not exhaustive and is intended only as guidance. All materials and mixtures may possess unknown hazards and should be handled with caution. Since the Company cannot control the actual methods, dosages or conditions of use, the Company shall not be liable for any damage or injury arising from handling or exposure to the product described herein. Information in this Safety Data Sheet is given without warranty, express or implied, including implied warranties of merchantability or fitness for any particular purpose.

End of Safety Data Sheet