

# ExCell Bio

## MSC Serum-free Medium MH02 Material Safety Data Sheet



## | SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

### Product Information

Product Name	Component name	Cat.#	Component Cat.#
MSC Serum-free Medium MH02	MSC Serum-free Basal Medium MH01	MH000-N02#	BA030#
	MSC Serum-free Medium Supplement MH02		BA032#

### Company Identification

Company: Suzhou ExCell Biotechnology Co., Ltd.

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## | SECTION 2: HAZARDS IDENTIFICATION

### Hazard Category According to GHS

Referring to Regulation (EC) 1272 / 2008 [GHS], the mixture is non-hazardous.

### Label Elements According to GHS

Referring to Regulation (EC) 1272 / 2008 [GHS], the mixture is non-hazardous.

### Physical And Chemical Hazards

Current information is not physically or chemically dangerous.

### Health Effects

Current information available, no health hazards.

### Environmental Hazards

Current information available, no environmental hazards.

### Other Hazards

No data available.

## | SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain health hazardous substances at its given concentration. We recommend that all chemicals should be treated with caution.

## | SECTION 4: FIRST AID MEASURES

### Description of The Necessary First-Aid Measures

The Harm to Human Body	First Aid
Inhalation	Move the person to fresh air and seek medical attention for persistent clinical symptoms.
By skin contact	Remove the contamination immediately and rinse with soap and water. If irritation persists, seek medical attention.
By eye contact	Flush eyes with plenty of water for more than 15 minutes, seek medical attention.
By ingestion/aspiration	This substance is intended to be used under normal conditions of use and does not present a danger of ingestion. If swallowed, contact a Poison Control Center or seek medical attention immediately. Do not induce vomiting unless directed to do so by medical personnel.

### The Most Important Acute or Late-Onset Symptoms And Health Effects

Not applicable.

### Instructions And Instructions for Prompt Medical Treatment And Special Treatment Required

No data available.

### Special Tips to The Doctor

No data available.

## | SECTION 5: FIRE FIGHTING MEASURES

### Extinguishing Media

Applicable extinguishing Media: Water, Alcohol-resistant foam, carbon dioxide or dry chemical as suitable for surrounding materials.

Inappropriate extinguishing media: No data available.

### Particular Hazard Arising From This Substance or Mixture

Harmful combustion products: oxycarbide, sodium oxide, hydrogen chloride.

### Fire Fighting Precautions And Protective Measures

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus(SCBA).

Avoid spillage of the products used to extinguish the fire into anaqueous medium. prevent contamination of surface and groundwater systems by fire fighting water.

## | SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment And Emergency Procedures

Avoid eye and skin contact.

Wear personal protective equipment.

### Environmental Precautions

Keep product away from drains.

**Methods and Material for Containment And Cleaning Up**

In safe condition, to prevent further leakage and overflow, absorb the spillage using inert absorbent and collect into marked containers. Clean the contaminated surface thoroughly and rinse with water to remove the traces.

**Reference to Other Sections**

For discard processing, see section 13.

## | SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling**

Wear personal protective equipment to avoid contact with your eyes, skin, and clothing. Avoid inhaling fog or vapor. Ensure ventilation.

**Storage**

Storage conditions: cool, sealed, dry.

Recommended storage temperature for basal medium : 2-8°C, light avoidance environment.

Recommended storage temperature for add components : -20°C.

## | SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters**

There are no occupational exposure limits for the substances contained in the product.

**Engineering Control**

Ensure adequate ventilation, especially in confined areas.

**Exposure Control**

1. Appropriate technical control measures :

Change the contaminated clothes, and the clothes should be cleaned before being used again. It is recommended to clean the equipment, work areas and protective clothing regularly.

2. Individual protective equipment:

To Protect	Protective Equipment
Eyes	Tight-sealing protective goggles
Skin and body	Wear appropriate protective clothing
Respiratory tract	In the case of insufficient ventilation, wear standard respiratory devices and components tested by government standards
Hands	Wear appropriate gloves which shall be resistant to appropriate chemical agents
Hygiene	According to good industrial hygiene and safety practices
Control of the environmental exposure	Non-applicable

## | SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical And Chemical Properties

Item	Result
Physical state	Liquid
Odour	No data available
Odour threshold	No data available
pH	6.90-7.60
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 (solids, 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
Water solubility	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

### Other Security Information

No data available.

## | SECTION 10: STABILITY AND REACTIVITY

### Chemical Stability

This product is chemically stable under standard ambient conditions (room temperature).

### Possibility of Hazardous Reactions

The polymerization reaction does not occur.

### Conditions to Avoid

Avoid light and high temperature.

### Incompatible Materials

Strong oxidant, strong acid, strong alkali.

### Hazardous Decomposition Products

See section 5 for details.

No hazardous decompositions under conventional conditions.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

Item	Result
Acute toxicity	No data available
Inhalation	No known hazards under normal conditions
Skin corrosion/irritation	No known hazards under normal conditions
Serious eye damage/eye irritation	No known hazards under normal conditions
Ingestion	No known hazards under normal conditions
Carcinogenicity	This product has no known carcinogen
Breathing or skin allergy	Unknown
Toxicity to reproduction	Unknown
Germ-cell mutagenicity	Unknown
Specific target organ system toxicity (primary contact)	No data available
Specific target organ system toxicity (repeated exposure)	No data available

### Additional Instructions

Registration of the toxic effects of chemical substances:

Not available.

The nature of the hazard cannot be excluded, but it should not cause major hazards under the correct treatment.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecological Toxicity

Not available

**Persistence And Degradability**

Not available

**Bioaccumulative Potential**

Not available

**Mobility In Soil**

Not available

**Results of PBT And vPvB Assessment**

PBT / vPvB assessment is not available as chemical safety assessment is not required.

**Other Adverse Effects**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

Give the remaining products and non-recyclable solution, containers to a licensed company for disposal.

**SECTION 14: TRANSPORT INFORMATION**

<b>UN Number</b>		
ADR/RID:-	IMDG:-	IATA:-
<b>UN Proper Shipping Name</b>		
ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
<b>Transport Hazard Class(Es)</b>		
ADR/RID:-	IMDG:-	IATA:-
<b>Packaging Group</b>		
ADR/RID:-	IMDG:-	IATA:-
<b>Environmental Hazards</b>		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
<b>Special Precautions For User</b>		
no data available		
<b>Incompatible Materials</b>		
no data available		
<b>Further Information</b>		
This product is not classified as hazardous according to transportation regulations.hazardous according to transportation regulations.		

**SECTION 15: REGULATORY INFORMATION**

**International Catalogue**

TSCA

United States Toxic Substances Control Act Section 8 (b) Inventory

No data available

EINECS / ELINCS

European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

No data available

AICS

Australian Inventory of Chemical Substances

No data available

**China**

List of existing chemicals in China

No data available

## | SECTION 16: OTHER INFORMATION

The above information is obtained after rigorous investigation, and suggestions are made after careful judgment. This information should be used as a guide but not be considered to summarize everything. All materials and mixtures may have unknown hazards and should be noted when used. Since the Company cannot control the actual method, quantity or condition of use, the Company shall not be liable for any injury or damage caused by handling or contacting the products described in this document. The information contained in this safety data sheet does not constitute an express or implied warranty, including any implied warranty of merchantability or fitness for any particular purpose.

**END**