

# Safety Data Sheet (SDS)



## SECTION 1. Identification of Substance/Mixture and of the Company/Undertaking

### 1.1 Product identifier

Product Name: Mogengel Matrix (HC GFR Phenol Red Free) (Acro Certified)

Catalog Number: AC-M082723

### 1.2 Other means of identification

Pure substance / mixture: Mixture

### 1.3 Recommended use of chemical and restrictions on use

Research Use Only.

### 1.4 Details of company/undertaking

ACROBiosystems, Inc  
Newark, DE 19711 United States  
+1 800-810-0816 (US/Canada)  
+86 400-682-2521 (Asia & Pacific)  
techsupport@acrobiosystems.com  
www.acrobiosystems.com

## SECTION 2. Hazards Identification

### 2.1 Classification of substance or mixture

This substance does not meet the classification criteria, nor considered hazardous according to 29 CFR 1910.122 (OSHA Hazard Communication Standard).

### 2.2 Label elements

None.

### 2.3 Hazard statements

Not Applicable.

### 2.4 Other hazards

None.

## SECTION 3. Composition / Information on Ingredients

### 3.1 Substance

Not Applicable.

### 3.2 Mixture

This product does not contain hazardous chemicals at concentrations greater than 1%. This product is not known to contain carcinogens at concentrations of 0.1% or greater.

## SECTION 4. First Aid Measures

### 4.1 First aid measures

**Inhalation:** Remove to fresh air.



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- Ingestion:** If swallowed, rinse mouth with water (only if person is conscious). If you feel unwell, seek medical advice.
- Skin Contact:** Wash with soap and water.
- Eye Contact:** Rinse thoroughly with water for several minutes.

## 4.2 Most important symptoms and effects, both acute and delayed

None Known.

## 4.3 Indication of any immediate medical attention and special treatment needed.

None.

## SECTION 5. Firefighting measures

### 5.1 Suitable extinguishing media

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide (CO<sub>2</sub>).

### 5.2 Special protective equipment for firefighters

Standard procedure for chemical fires.

### 5.3 Specific hazards arising from chemical

Not Known.

## SECTION 6. Accidental Release Measures

### 6.1 Personal precautions

Handle with suitable protective clothing including recommended Personal Protective Equipment. Ensure adequate ventilation and avoid breathing vapors, mist, dust or gas. Refer to section 8 of SDS.

### 6.2 Methods and materials for containment and cleaning-up

No special precautions required for handling this material. Refer to section 13 of SDS for appropriate disposal.

### 6.3 Environmental precautions

Do not dispose of product in drains. See section 12 of SDS for additional ecological information.

## SECTION 7. Handling and Storage

### 7.1 Precautions for safe handling

Handle in accordance with good safety practice and industrial hygiene. Always wear Personal Protective Equipment. Avoid inhalation, contact with eyes, skin and clothing. Use in a well-ventilated area.

### 7.2 Conditions for safe storage

Store at ≤ -20°C. Avoid multiple freeze-thaw cycles. Do NOT store in a frost-free freezer. Product can be thawed and separated into working aliquots. KEEP FROZEN.

## SECTION 8. Exposure Control / Personal Protection

### 8.1 Exposure limits

Contains no substances with occupational exposure limit values.

### 8.2 Engineering measures

Use in a fume hood where applicable. Ensure all engineering measures outlined in section 7 of this SDS are in place.



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## 8.3 Personal protective equipment

<b>Eye/face Protection:</b>	Use appropriate safety glasses.
<b>Hand Protection:</b>	Wear protective nitrile rubber gloves.
<b>Skin and body Protection:</b>	Wear appropriate protective clothing.
<b>Respiratory Protection:</b>	None under normal use conditions. If case of insufficient ventilation, use a suitable respirator.
<b>Hygiene Measures:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

## 8.4 Environmental exposure controls

None.

## SECTION 9. Physical and Chemical Properties

### 9.1 General information

<b>Physical state</b>	Liquid / Gel	<b>Odor:</b>	No data available
<b>Appearance:</b>	No data available.	<b>Odor Threshold:</b>	No data available
<b>Color:</b>	No data available.		
<b>Boiling Point/boiling range (°C):</b>	No data available.	<b>(°F):</b>	No data available.
<b>Melting point / melting range (°C):</b>	No data available.	<b>(°F):</b>	No data available.
<b>Flash point (°C):</b>	No data available.	<b>(°F):</b>	No data available.
<b>Autoignition Temperature (°C):</b>	No data available.	<b>(°F):</b>	No data available.
<b>Evaporation Rate</b>	No data available.	<b>Oxidizing Properties:</b>	No data available.
<b>Flammability (solid,gas)</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>Vapor Pressure</b>	No data available.	<b>Vapor Density:</b>	No data available.
<b>Explosive Properties</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>Upper/Lower Flammability / Explosive Limits</b>	No data available.	<b>Solubility:</b>	No data available.

### 9.2 Other safety information

No data available.

## SECTION 10. Stability and Reactivity

### 10.1 Chemical stability

Stable under normal, recommended transport or storage conditions.

### 10.2 Hazardous decomposition

None under normal use conditions.

### 10.3 Hazardous polymerization

Hazardous polymerization does not occur.

### 10.4 Possibility of hazardous reaction

Hazardous reactions have not been reported.

### 10.5 Conditions to avoid



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No dangerous reactions under normal use conditions.

## 10.6 Incompatible materials

None known.

## SECTION 11. Toxicological Information

### 11.1 Acute toxicity

No toxicology information is available.

### 11.2 Principle Routes of Exposure / Potential Health Effects

**Inhalation:** May be harmful by inhalation.

**Ingestion:** May be harmful if swallowed.

**Eyes:** May cause eye irritation to susceptible persons.

**Skin:** May cause skin irritation to susceptible persons.

**Carcinogenicity:** This product does not contain any carcinogenic components at levels greater than or equal to 0.1% as have been identified as probably, possible, or confirmed by OSHA, IARC or NTP.

**Mutagenicity:** No information available.

**Reproductive Toxicity:** No information available.

**Sensitization:** No information available.

## SECTION 12. Ecological Information

### 12.1 Ecotoxicity

Contains no known substances to be hazardous to the environment.

### 12.2 Mobility

No information available.

### 12.3 Persistence and degradability

No information available.

### 12.4 Bioaccumulative potential

No information available.

### 12.5 Other adverse effects

No information available.

## SECTION 13. Disposal Considerations

Dispose of contents / containers in accordance with local regulations.

## SECTION 14. Transport Information

### 14.1 IATA classification

Not regulated.

### 14.2 DOT classification

Not regulated.

### 14.3 IMDG classification



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Not regulated.

## SECTION 15. Regulatory Information

### 15.1 US Federal regulations

**SARA 313** – This product is not regulated by SARA.

### 15.2 US State regulations

This product does not contain any Proposition 65 chemicals.

### 15.3 Chemical safety assessment

## SECTION 16. Other Information

### 16.1 Document information

<b>Version No.</b>	1.0
<b>Revision Date:</b>	03-April-2023
<b>Revision Note:</b>	Not Applicable

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#### Disclaimer

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**End of Safety Data Sheet**



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